

## **REVISED SELF IMPLEMENTING CLEANUP PLAN**

1001 North Montello Street  
Brockton, MA 02301  
**RTN 4-22831**

September 2011

### **Prepared for:**

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## 1.0 INTRODUCTION

On behalf of Barbour Realty, LLC, Green Environmental, Inc. (GREEN) has prepared this revised Self Implementing Cleanup (SIC) Plan for submittal to the United States Environmental Protection Agency (USEPA), Region 1 for the remediation of polychlorinated biphenyls (PCBs) to support the construction of a cellular tower and associated utilities at 1001 North Montello Street in Brockton, Massachusetts (hereinafter, the Site).

A release of PCBs was identified at the Site during earthwork activities, when excess soil was stockpiled and characterized for off-site disposal. Concentrations of PCBs were identified within the surficial soil in excess of 10 milligrams per Kilogram (mg/Kg), triggering a 2 hour notification requirement for an Imminent Hazard (IH) condition under the Massachusetts Contingency Plan 310 CMR 40.0000 (the MCP). The Massachusetts Department of Environmental Protection (MassDEP) subsequently assigned Release Tracking Number RTN 4-22831 to the Site.

The SIC Plan was initially submitted to EPA Region 1 in March 2011. Information was added to update the original report in July 2011, following verbal comments received by Ms. Kim Tisa, PCB Coordinator on June 16, 2011. Additional tables and figures were recently created based upon discussions with the EPA on September 2, 2011. These are presented as Figures 6A, 6B, 6C and 8 and as Tables 8A through 8G.

## 2.0 SITE INFORMATION

### 2.1 Contact Information

#### Persons Undertaking Response Actions

Potentially Responsible Party (PRP)

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### 2.2 Site Location

The site is located at 1001 North Montello Street in a residential/industrial section of Brockton, Massachusetts. The property operates as Barbour Corp, a manufacturer of marine products,

plastic extrusions and shoe welting. The subject site is situated on the east side of the building and is the location of a cell tower construction site.

According to the USGS 25,000 Topographic Map the approximate Latitude and Longitude are 42° 6' 43.50" North and 71° 1' 32.73" West, respectively. The approximate Universal Transverse Mercator (UTM) coordinates for the Site are 4,682,294 mN and 328,068 mE. A Site locus map is provided as **Figure 1**.

The area specifically addressed under this SIC Plan is the portion of the property leased to Global Tower Partners for the construction of a cellular tower and associated utilities. This area is the undeveloped portion of the parcel located to the northeast of the site building. The vertical and horizontal extent of PCB impacted soil in this area was largely defined during GREEN's assessment activities described in Section 4.0. The subject area measures approximately 34 feet by 145 feet, and is located within a larger previously assessed area.

### **2.3 Site Description and Natural Resource Areas**

According to the owner of the Site, the property was purchased from the City of Brockton in 1998. The city owned property was formerly utilized as a public swimming pool and recreational area. Additionally, information provided by Barbour Corp indicates that a portion of the property was utilized by the City of Brockton Park's Department as a dumping location.

GREEN reviewed a MassDEP MCP Numerical Ranking System Map of environmental resources, obtained from the Massachusetts Geographic Information Systems (MassGIS), provided as **Figure 2**. This map includes the following resources:

- Potentially Productive Aquifers (PPA)
- Potential and Non-Potential Drinking Water Source Areas
- EPA Sole Source Aquifers/100-year Floodplain Regions
- DEP Approved Zone IIs
- Interim Wellhead Protection Areas
- Public Surface Water Supplies
- Wetlands
- Surface Water Bodies
- State, Federal, Municipal, Non-Profit, and Private Open Space and Recreational Facilities
- DEP Permitted Solid Waste Facilities

According to the MassGIS Priority Resource Map, the Site is located within the geographical area of a Zone II Public Water Supply Area, on the boundary between a high yield and medium yield potentially productive aquifer, and abutted to the east by freshwater wetlands and a surface water body. Within a ½ mile radius of the Site, GREEN identified areas designated as protected open space, public water supply wells, freshwater wetlands, and a MassDEP permitted Solid Waste Landfill.

Residential properties have also been identified within 500 feet of the Site.

### 3.0 PREVIOUS SITE INVESTIGATIONS

Green obtained an August 1998 Subsurface Investigation report prepared by ENSR from the current owner of the property. According to the report, in June 1998 ENSR conducted a subsurface investigation which consisted of the advancement of four soil borings at 983 North Montello Street in Brockton, MA. ENSR reported that "Soil boring S-1 was advanced in the dumping location used by the Park's Department to the northern portion of the Site." Three additional borings were advanced at the property, including an area in the northwestern portion of the property, south of the (former) pool building and along the southwestern boundary of the Site directly across the street from what was the former Barbour Corporation location. A copy of the ENSR environmental site assessment is included as **Appendix E**.

According to the ENSR report, soil and groundwater samples were collected for Volatile Organic Compounds (VOC), Total Petroleum Hydrocarbons (TPH) and RCRA 8 Metals. In certain instances where the TPH groundwater results warranted further investigation, Extractable Petroleum Hydrocarbon (EPH) analysis was used. ENSR indicated that the results of the EPH groundwater data were all below the reportable limits and RCGW-1 standards. ENSR reported that the analyses did not identify compounds that exceeded their applicable RCS-1 or RCGW-1 reportable concentrations. GREEN did not identify information related to soil analysis for PCBs.

### 4.0 CURRENT SITE ASSESSMENT ACTIVITIES

#### 4.1 Contractor Support Field Activities – Green Environmental, Inc. 2010

On August 18 and September 10, 2010, GREEN was retained by the earthwork contractor to collect soil samples from excess soil stockpiled at the Site. The soil samples were analyzed for Massachusetts Landfill disposal parameters and elevated concentrations of Polychlorinated biphenyls (PCB) were identified. PCBs were identified at concentrations in excess of 50 milligrams per Kilogram (mg/Kg) requiring further assessment and potential remediation activities to be regulated under both the MCP and the US EPA Toxic Substances Control Act (TSCA) regulations. The results of the sampling activities are included in **Table 1**. Laboratory analytical data packages are included in **Appendix A**.

A concentration of greater than 10 parts per million (ppm) of PCBs was identified in soil within a depth of twelve (12) inches below ground surface (bgs), constituting an Imminent Hazard Condition pursuant to the MCP 310 CMR 40.0320(2)(b). At approximately 8:09 pm on Friday, September 3, 2010, on behalf of the property owner, GREEN reported a release to the environment of oil and/or hazardous material to MassDEP.

To abate the MCP Imminent Hazard, GREEN advised a representative of the property owner to install a chain link fence with a locking gate around the area identified and eliminate access to the Site. This was accomplished on Saturday September 4, 2010 by reconfiguring and adding to an existing six foot high construction fence. GREEN also advised the representative to cover the stockpiled soil with 6 mil polyethylene liner.

Based on the PCB contaminant levels identified within the stockpiled soil, GREEN recommended additional assessment and/or remediation at the property. In order to document site conditions and potential areas of soil removal, GREEN followed the TSCA 1.5 meter sample grid assessment program in accordance with 40 CFR 761 Subpart O, to evaluate the nature and extent of the identified PCBs.

#### **4.2      Immediate Response Action Assessment Activities-Green Environmental, Inc., 2010**

Between September 20 and 30, 2010, the initial grid-based assessment program was implemented at the Site. The assessment program utilized Geoprobe® direct push technology for sample collection. A total of 212 borings were advanced as part of the drilling program and soil samples were collected vertically at discrete sampling depths (surface grade, approximately 1.5 meters (m) bgs and approximately 3 m bgs). A total of 610 samples were collected as part of the initial investigation activities. In addition to the soil sampling activities, six groundwater monitoring wells were installed during the assessment program as depicted on **Figure 7**.

In accordance with 40 CFR 761.289, the discrete samples were combined into composite samples on a volume to volume basis and submitted for PCB analyses via USEPA Soxhlet extraction method SW-846 3540C. The compositing protocol utilized in the field and by the laboratory was for samples collected from grid intervals at a site with multiple point sources or unknown sources of contamination. A total of 72 composite samples were submitted for PCB laboratory analyses. Of the 72 composite samples submitted one sample exceeded 50 mg/Kg. According to **Figure 4a**, this sample is located adjacent to the northeast corner of the existing concrete footing for the cell tower, and concentrations trend downward to the northeast.

Twenty samples were reported in excess of the MCP S1/GW-1 standard of 2 mg/Kg, and 27 samples are greater than 1 mg/Kg. As depicted on **Figures 4a, 4b, and 4c**, the greatest concentration of these samples were identified to the north, east, and south of the cell tower footing in the surface composite samples, to the east of the cell tower footing in the composite samples retrieved from 1.5 m below surface grade, and to the south of the cell tower footing in the samples retrieved from 3 meters bgs.

To determine if any single sample comprising the composites contained PCB concentrations above 50 and 1 ppm, respectively, GREEN performed a probability exercise including all the composite samples consistent with the 1985 EPA document, "*Verification of PCB Cleanup by Sampling and Analysis*". Based on the results of the initial data collection process, 159 discrete soil samples associated with 17 of the composites had the potential to be greater than either 50 ppm or 1 ppm and were subsequently submitted for PCB analysis. Nine samples were identified as having total PCBs in concentrations greater than 50 mg/Kg, the highest concentration was 736 mg/Kg. This sample was retrieved from approximately 1.5 meters bgs southeast of the cell tower footing. The greatest number of samples above 50 mg/Kg was identified south and east of the concrete footing for the cell tower at approximately 1.5 meters bgs. One area directly northeast of the cell tower footing was identified as having concentrations greater than 50 mg/Kg at 1.5 m bgs. All isopleths for discrete and composite samples are shown on **Figures 5a, 5b, and 5c**. A comparison table showing the relationship between the composite and discrete samples is included as **Table 5**.

91 discrete samples were identified as having PCB concentrations in excess of the MCP S1/GW-1 standard of 2 mg/Kg, and 108 samples were identified as having concentrations greater than 1

mg/Kg. These areas are concentrated to the north, east, and south of the cell tower footing; the majority of these samples are concentrated on or near the ground surface.

On October 12, 2010, GREEN collected groundwater samples at the Site for PCBs. Groundwater samples were collected using low flow field techniques. Samples were submitted to a Massachusetts Certified Laboratory for analysis. The results of the groundwater sampling activities did not identify the presence of PCBs above laboratory detection limits or the MCP GW-1 groundwater standards. The analytical results for groundwater are included in **Table 6**.

GREEN conducted a stadia survey of the six monitoring wells on March 1, 2011. An arbitrary benchmark was selected and assigned an elevation of 100'. Each well casing/riser was surveyed to establish an elevation, and depth to groundwater was measured using an electronic interface probe. Depth to groundwater ranged from 7.11 to 9.19 feet below ground surface. Based upon the preliminary survey results, groundwater was observed to flow to the east-northeast towards Trout Brook.

An additional soil sampling program was conducted at the Site between October 26 and 27, 2010. The sampling program was conducted to evaluate areas of the property where future utility corridors will be excavated to determine if soil within these areas had been impacted by PCBs. A total of 43 borings were advanced within the areas where proposed utilities are to be installed at the Site, as well as at locations where permanent fencing will be constructed. A total of 123 samples were collected and submitted to a Massachusetts Certified Laboratory to characterize the soil concentrations in the proposed utility corridor. The three strata (surface, 1.5 m, and 3 m) from each individual boring were composited by the laboratory for PCB analysis. Only one sample exceeded the MCP S1/GW-1 standard of 2 mg/Kg, and none exceeded 50 mg/Kg. All other samples were reported as either non-detect, or less than 1 mg/Kg. The greatest concentration of PCBs identified is approximately 30 feet northeast of the center of the concrete footing for the cell tower. Sample (C, -2, 9) was measured at a value of 30.7 mg/kg. This sample and the discrete samples associated with it are assumed to be above 50 ppm and will be treated and disposed of as TOSCA waste.

To evaluate the potential for the existence of soil with a concentration greater than 50 ppm in the vicinity of sample C(-2,9), GREEN had analyzed the discrete samples associated with this composite sample, which were composited both vertically and horizontally from the ground surface to three meters bgs from three different coordinate areas ((-1,10), (-2,9), and (-3,10)). The results showed that out of the nine discrete samples associated with this composite, the maximum concentration was 5.729 mg/kg, none were greater than 50 mg/kg, three were greater than the MCP cleanup standard of 2 mg/kg, and four were greater than 1 mg/kg. The results of the breakdown of the discrete samples associated with composite sample C(-2,9) further delineated the area of soil to be excavated according to state and local regulations. GREEN again performed the probability exercise including all the composite samples relevant to the utility corridor samples. Consistent with the document, no additional samples had the potential to be above 1 or 50 ppm, respectively.

On June 17, 2011, GREEN was onsite to perform a test pit assessment program. The purpose of this program was to find possible sources of PCB's. The access road to the Site was also part of the assessment to identify any possible levels of PCB's in this area. A total of six test pits were dug along the access road approximately five feet by five feet to 12 feet bgs. A vertical composite sample was collected and submitted under chain of custody for analysis of PCBs.

PCB's were detected in test pit one (TP-1) at a total concentration of 0.882 ppm. PCBs were not identified above laboratory detection limits in any other samples collected from the test pits.

A total of five test pits were dug in the grid coordinate areas of (7,-3), (5,-2), (0,-5), (3, 2), (-2, 9), where high concentrations of PCB's were detected. A variety of debris including trash, boulders, concrete footings, asphalt shingles, pieces of wood and lumber, chain-link fence pieces, scrap metal, plastic bottles, and tree stumps were identified. Electrical conduits and wires, an automobile muffler, an older model "General Electric" clothes washing machine, and 13 crushed open and closed top drums, were also identified in the vicinity of these test pits. All items were photographed and placed on and under 6 mil polyethylene sheeting and remain on site. Photos of the debris identified within these test pits are included as **Appendix F**.

Analytical data packages are included in **Appendix A**.

#### **4.3 Equipment Decontamination – Green Environmental, Inc., 2010**

On September 24, 2010, GREEN was on site to decontaminate three pieces of heavy machinery that were used during the initial excavation for the cell phone tower. All loose soil was removed from each piece of machinery. The soil collected during the cleaning of the heavy machinery was consolidated into (1) 55-gallon drum of contaminated solids and decontamination liquids. All drums were packed and sealed. As of this time no waste has left the site. Each piece of machinery was driven onto polyethylene sheeting and soil on exposed surfaces was scraped off and the surfaces dry wiped during the decontamination procedure. On September 28 and October 12, 2010, GREEN was onsite to perform PCB wipe tests in accordance with 40 CFR § 761.123 and 40 CFR § 761.308 on the three pieces of machinery. The results of the wipe sampling did not identify the presence of PCBs above laboratory reporting limits. Based on this information, the machinery was determined not to have been impacted by PCBs in accordance with 40 CFR 761.

After each phase of drilling, before the drill rig and tools were removed from the site, GREEN completed the 40 CFR 761 Subpart S double-wash-rinse protocol. The double-wash-rinse procedure involves several wash-rinse steps, including an initial water/detergent or solvent wash to clean the affected surfaces, a potable water rinse to remove residuals left from the initial wash, a solvent wash to decontaminate PCBs, and a final solvent rinse to clean and rinse the surface. As with other decontamination procedures described by the TSCA PCB regulations, a solvent meeting the performance-oriented decontamination fluid (PODF) is required. GREEN chose diesel fuel for this step. This procedure was conducted by GREEN on September 30, 2010 after Phase 1 of the drilling and on October 27, 2010 after Phase 2 of the drilling. Between the two phases of drilling, the drill rig remained onsite to avoid multiple decontamination procedures. Decontamination liquids and residual soil were contained within (3) 55-gallon drums. Once the double-wash-rinse procedure was completed to all tools and equipment, including the drill rig, was allowed to leave the site.

#### **5.0 OBJECTIVE OF SELF IMPLEMENTING CLEANUP**

The objective of this SIC Plan is to remediate PCB impacted soil at concentrations greater than 1 mg/Kg within a leased area of the property to support the construction and maintenance of a cellular tower at 1001 North Montello Street within no institutional controls or restrictions on occupancy, activities and uses. PCB impacts outside of the leased area in excess of 10 mg/Kg

will be remediated, and additional assessment and characterization will be conducted to determine if it is feasible to reduce PCB concentrations to 1 mg/Kg or less. In the event it is determined that the reduction of PCB concentration from less than 10 mg/Kg to 1 mg/Kg or less is not a feasible alternative, a deed restriction may be implemented to restrict the area as a low occupancy area. The overall goal is to meet the High Occupancy Area cleanup level, to allow for unrestricted site activities; however this cleanup goal will be evaluated based on the collection of additional assessment and characterization data.

### 5.1 Soil Excavation Activities

GREEN will serve as the contractor during the PCB impacted soil removal process. GREEN will utilize an excavator to remove impacted soil from the Site, to a maximum depth of 10 feet bgs or to depths where PCB concentrations have been reduced to less than 1 mg/Kg within the leased area. The excavation activities will begin with the removal of the areas as being characterized as equal to or greater than 50 mg/Kg total PCBs. Plans depicting the 50 mg/Kg or above excavation areas are included as **Figures 6, 6a, 6b and 6c**. The data sets representing the limits of excavation are presented in tables **8A through 8G**. For excavation areas which are immediately adjacent to the existing new concrete footing for the cellular tower, the wall of the footing will be exposed, scraped clean and wipe sampled to determine if PCBs have sorbed to the potentially porous surface. In the event PCBs are detected during the wipe sampling procedure, concrete core samples will be obtained from within the areas that tested positive to determine the concentration of PCBs within the concrete. The soil situated at the base of the concrete footing, within the native soil at the site and at locations identified in **Figures 6a through 6c**, will be sampled and analyzed for the presence of PCBs. The results of the sampling activities will be utilized to infer whether impacts beneath the footing are present.

Upon completion of the excavation of these areas, the remediation program will focus on the removal of soil identified as being impacted by total PCBs at concentrations ranging from 10 mg/Kg to less than 50 mg/Kg. The PCB modeling data depicted on Figures 5a through 5c defines a significant volume of soil as being greater than 1 mg/Kg. Additional site characterization activities, include but may not be limited to the analysis of additional aliquots of the previously collected composite samples and the collection of additional data points from areas of the site where limitations to the current data set exist. GREEN has evaluated the variables associated with the Site, including volumes of soil impacted at different levels of PCB concentrations and identified alternative disposal options for soil impacted at concentrations less than 50 mg/kg. Soil exhibiting concentrations of PCB contaminated soil in excess of 50 milligrams per kilogram will be transported to a RCRA subtitle C chemical waste landfill. Soil exhibiting less than 50 milligrams per kilogram will be transported to a specialty waste facility permitted licensed or registered by a state to manage non-municipal non-hazardous waste. Proposed disposal facilities are outlined in **Section 9.0**.

Depth to groundwater has been gauged at depths ranging from seven to nine feet bgs in the on-inch monitoring wells at the time of the March 2011 survey. However, groundwater was not encountered at a depth of nine feet bgs during the original excavation activities for the cellular tower base in August 2010. Dewatering is not anticipated during excavation activities. Groundwater monitoring well construction logs are included as **Appendix D**. A plan depicting groundwater flow at the site is included as **Figure 7**.

### **5.1.1 Excavation Plan**

Eight areas have been defined with total PCB concentrations 50 mg/Kg or higher. These areas are depicted on **Figure 6**. The table below provides the dimensions of the excavation areas and approximate volumes of material to be removed during the remediation program.

Location	Sample ID	Concentration	Excavation Depth	Volume (meters)	Volume (cu yd)
Area 1	3,3,2	122	3	20.25	27
Area 2	(3,-4,2), (4,-1,2) & (4,-1,3)	50, 736 & 71.2	3	54.0	71
Area 3	1,-4,1	161	1.5	13.5	18
Area 4	7,-3,2	211.5	3	40.5	53
Area 5	3,-6, 3	81.7	1.5	13.5	18
Area 6	2,-8,1	75.7	1.5	13.5	18
Area 7	7,-8,1	64.1	1.5	13.5	17.685

All concentrations reported in mg/Kg.  
Excavation Depth reported in meters.

### **5.2 Off-Site Transportation and Disposal**

If all facility approvals have been obtained prior to excavation, soil excavation, transportation and disposal will occur concurrently. Otherwise soil will be excavated and stockpiled on and beneath a minimum 6-mil thick polyethylene sheeting and secured behind a locked, chain-link fence, until receipt of the confirmatory analytical data. In accordance with 761 Subpart C, areas used for the storage of PCB remediation waste be clearly marked using letters and striping on a white or yellow background that will be sufficiently durable to equal or exceed the timeframe that PCB remediation was stored at the site. The size of the labeling will be at least 15.25 cm (6 inches) on each side. This material will also be excavated, loaded and transported concurrently if facility and government approvals are obtained. Otherwise, the soil will be excavated, stockpiled on and beneath polyethylene sheeting and secured. Each stockpile will be characterized for off Site disposal at facilities permitted to accept the remediation waste. Soil exhibiting concentrations of PCBs in excess of 50 mg/Kg will be transported to a RCRA subtitle C chemical waste landfill. Soil exhibiting less than 50 milligrams per kilogram will be transported to a specialty waste facility permitted, licensed or registered by a state to manage non-municipal non-hazardous waste.

GREEN will prepare the required Bill of Lading forms and/or Hazardous Waste Manifests for the shipment of the soil to the approved receiving facilities. Upon acceptance of the material at the facilities, GREEN will arrange for the transportation of the impacted material.

### **5.3 Confirmatory Sampling**

GREEN anticipates utilizing the existing data set collected during the grid assessment activities in September 2010 through June 2011 as confirmatory data where appropriate. Confirmatory sampling may be required within the 10 foot layer where elevated concentrations of PCBs have been identified to demonstrate the vertical extent of PCB impacted soil has been addressed. Upon

achieving satisfactory results for the remediation program, the excavation will be backfilled to grade.

### **5.3.1 Disposal Characterization**

The previously collected in-situ PCB data will be used to profile the soil for off-site disposal. Additional disposal characterization may be conducted, for other test parameters, as required by the receiving facility.

## **5.4 Decontamination**

Construction equipment will be de-contaminated in accordance with 40 CFR 761 Subpart S double-wash-rinse protocol prior to leaving the Site, as outlined in the site specific Health and Safety Plan, included as **Appendix B**.

## **5.5 Future Assessment Activities/Unanticipated Concentrations**

Based upon the assessment activities conducted to date, GREEN believes that the extent of PCB impacted soil has largely been defined. This plan is being implemented to support the construction of a cellular tower and associated utilities. In the event that unanticipated higher concentrations or wider distribution of PCBs is identified during excavation activities, the EPA will be notified and this plan modified as appropriate. Additional assessment activities may be required to define the vertical and horizontal extent of PCBs in other areas not addressed under this SIC Plan.

## **6.0 DATA USABILITY ASSESSMENT**

In an effort to evaluate the usability of the site characterization data, GREEN performed a data quality assessment on the lab data collected to date. A total of 294 samples were collected as part of the site characterization process. Information reviewed included sample custody, field quality control (QC), holding times, surrogate recoveries, method blanks, and laboratory control samples. In general surrogate recoveries were within method parameters, with the exception of samples which were reported as having a high concentration of PCBs. Samples in which the surrogate recoveries were diluted below the method detection limit (MDL) are generally samples that will be removed during the excavation program outlined above. It should be noted that discrete samples 1, -4, 2, and 2, -6, 2 were diluted by a factor of 100, reducing accuracy for other Aroclor compounds. Of the 72 composite samples submitted, 5 samples were identified as being outside the surrogate recovery limits because of the dilution factor applied to the sample. In addition, the relative percent difference (RPD) for Aroclor 1016 was 33% in work order number 1010070. 35 of the 159 discrete samples had surrogate recovery limits outside of the acceptance criteria because of the dilution factor applied to the sample. Results of the duplicate samples in comparison to their associated primary samples indicated that the relative percent differences (RPD) were within the limits allowed by the data acceptance criteria for all duplicate samples (RPD not greater than 30%), with the exception of discrete sample -1, -4, 1, which exceeded 40 %. Discrete sample 6,2,2 was reported as having the surrogate recovery of decachlorobiphenyl

above upper control limits. The RPD for duplicate samples within quality control batches was outside the data acceptance criteria for samples within work order number 11011035 (discrete sample locations) and 1011013 (located within the utility corridor) for Aroclor 1016 (43%) and Aroclor 1260 (49%); however all results were non-detect for these compounds. Furthermore Aroclor 1016 has never been detected at the Site. The surrogate recovery for composite sample C -8, 5 (located within the utility corridor) was below lower control limits at 28% for decachlorobiphenyl. No analytes were identified in laboratory method blanks, indicating that there were no interferences by other factors at the laboratory. In general, the samples collected defining the limits of the proposed excavation conform to the QA/QC requirements of the analytical method and are suitable for use in the site characterization process.

The data are considered qualitatively representative based on historic sampling data. GREEN set a grid pattern in conformance with 40 CFR 761.292h and the May 1986, "Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanup". Sample containers were packed on ice and accompanied by a chain of custody from the time of sample collection to the time of sample delivery. No method holding times were exceeded for respective analyses, and all data packages were reviewed with respect to both MCP and EPA method protocols.

## 7.0 SCHEDULE OF ACTIVITIES

### 7.1 Off-Site Transportation and Disposal

If all facility approvals have been obtained prior to excavation, soil excavation, transportation and disposal will occur concurrently. Otherwise soil will be excavated and stockpiled on and beneath a minimum 6-mil thick polyethylene sheeting and secured behind a locked, chain-link fence, until receipt of the confirmatory analytical data. As previously outlined, approximately 600 cubic yards of soil has been identified as being impacted with a PCB concentration ranging between less than 50 mg/kg and 1 mg/kg. This material will also be excavated, loaded and transported concurrently if facility and government approvals are obtained. Otherwise, the soil will be excavated, stockpiled on and beneath polyethylene sheeting and secured. Each stockpile will be characterized for off Site disposal at facilities permitted to accept the remediation waste. Soil exhibiting concentrations of PCB contaminated soil in excess of 50 milligrams per kilogram will be transported to a RCRA subtitle C chemical waste landfill. Soil exhibiting less than 50 mg/kg will be transported to a specialty waste facility permitted licensed or registered by a state to manage non-municipal non-hazardous waste.

Solid waste removed from the areas at the site where concentration of PCBs have been identified at 50 mg/Kg or greater will be disposed of as PCB waste in accordance with 40 CFR 761.00.

## 8.0 PERMITS

In addition to the submittal of this Self Implementing Cleanup Plan for EPA approval, GREEN will request an amended or emergency Order of Conditions from the City of Brockton Conservation Commission to conduct response actions within the buffer zone of a wetland/water resource area.

A copy of this plan is also being provided to the MassDEP. A modification to the previously submitted Immediate Response Action (IRA) Plan is not anticipated at this time.

## 9.0 REMEDIATION WASTE

Upon achieving satisfactory results for the remediation program, the excavation will be backfilled and compacted in lifts. GREEN will prepare the required Bill of Lading forms and/or Hazardous Waste Manifests for the shipment of the soil to the approved receiving facilities. Upon acceptance of the material at the facilities, GREEN will arrange for the transportation of the impacted material.

Soil exhibiting less than 50 milligrams per kilogram will be transported to a specialty waste facility permitted licensed or registered by a state to manage non-municipal non-hazardous waste, such as the following:

WM Turnkey Landfill  
90 Rochester Neck Road  
Rochester, New Hampshire 03839

Soil exhibiting concentrations of PCB contaminated soil in excess of 50 milligrams per kilogram will transported to a RCRA subtitle C chemical waste landfill, such as the following:

CWM Chemical Services  
1550 Balmer Road  
Model City, New York 14107

## 10.0 HEALTH AND SAFETY

As required under both Federal and State regulations, a site specific Health and Safety Plan (HASP) has been prepared and is included with this report as **Appendix B**. The HASP includes “measures to protect sensitive human populations from exposure to oil and/or hazardous material; the institution of air monitoring activities, as necessary, to protect the public from exposure to gases and air-borne particulates; measures that may be necessary to contain oil and/or hazardous material during the performance of response actions, including:

1. Measures to control dust and other environmental media (*e.g.* wetting soils);
2. Decontamination protocol for vehicles and equipment to minimize the spread of contaminated soil from the disposal site;
3. Measures to secure on-site excavations and stockpiles of contaminated materials; and
4. Protocols for the discontinuance of response actions where necessary to protect public health and safety.

Additionally, the HASP has been prepared in accordance with 29 CFR 120 to ensure that all workers involved with the response actions are familiar with potential chemical and physical hazards that may be encountered during the work being conducted. Additionally all personnel operating at the site will be required to current OSHA Hazardous Waste Operations and Emergency Response training.

THE  
BEES



Table 1:  
 Soil Stockpile Composite Analytical Data  
 1001 North Montello Street  
 Brockton, MA  
 RTN 4-22831

Sample Date:		8/18/2010	9/1/2010	9/1/2010	9/1/2010	9/1/2010
Client Sample:	Units	8-18-S1	9-1-SQ1 S	9-1-SQ2 U	9-1-SQ3 U	9-1-SQ4 U
Analyte						
Aroclor 1016	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624
Aroclor 1221	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624
Aroclor 1232	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624
Aroclor 1242	mg/kg dry	<0.0598	22.1	5.29	<0.311	0.375
Aroclor 1248	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624
Aroclor 1254	mg/kg dry	1.04	58.1	22.5	0.747	0.962
Aroclor 1260	mg/kg dry	0.222	14.5	7.09	0.175	0.219
Aroclor 1262	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624
Aroclor 1268	mg/kg dry	<0.0598	<5.3	<2.9	<0.0601	<0.0624

Table 2: Composite Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/21/2010	9/24/2010	9/24/2010	9/29/2010	9/29/2010	9/29/2010			
			C 5 -8 2	C 8 -5 1	C 8 -5 2	C 8 -5 3	C 8 -8 1	C 8 -8 2	C 8 -8 3	C 8 -11 1	C 8 -11 2	C 8 -11 3	C 5 -8 -3	C -2 4 3	C -2 4 2	C 1 4 3	C 1 4 2	C 1 4 1	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<b>0.347</b>	<b>0.371</b>	<b>0.202</b>	<0.0598	<b>11</b>	<b>0.587</b>	<0.0599	<b>0.256</b>	<b>1.16</b>	<b>0.114</b>	<0.0611	<b>0.3</b>	<0.0599	<b>13.6</b>	<0.0572	<b>0.272</b>	<b>4.11</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<b>0.0972</b>	<b>0.105</b>	<0.0549	<0.0598	<b>2.95</b>	<b>0.13</b>	<0.0599	<0.0597	<b>0.332</b>	<0.0615	<0.0611	<b>0.0828</b>	<0.0599	<b>3.39</b>	<0.0572	<b>0.0668</b>	<b>0.655</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0548	<0.0578	<0.0549	<0.0598	<0.0585	<0.0622	<0.0599	<0.0597	<0.0581	<0.0615	<0.0611	<0.0592	<0.0599	<1.15	<0.0572	<0.0573	<0.0622

Table 2: Composite Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/29/2010	9/29/2010	9/29/2010	9/23/2010	9/23/2010	9/30/2010	9/30/2010	9/30/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	9/20/2010	9/20/2010			
			C -5 4 3	C -5 4 2	C -5 4 1	C -1 -5 1	C -1 -5 2	C -1 -5 3	C -1 -8 1	C -1 -8 2	C -1 -8 3	C 2 -5 1	C 2 -5 2	C 2 -5 3	C 2 -8 1	C 2 -8 2	C 7 -3 1	C 7 -3 2	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.0563	<0.0581	<b>9.1</b>	<b>20.5</b>	<b>0.548</b>	<b>5.89</b>	<b>0.902</b>	<b>0.0918</b>	<0.0566	<b>3.66</b>	<b>4.87</b>	<b>15.3</b>	<b>5.6</b>	<b>0.565</b>	<0.0588	<b>0.203</b>	<b>10.3</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0563	<0.0581	<b>2.3</b>	<b>4.87</b>	<b>0.0896</b>	<b>0.845</b>	<b>0.193</b>	<0.0553	<0.0566	<b>0.517</b>	<b>0.818</b>	<b>3.35</b>	<b>1.15</b>	<b>0.116</b>	<0.0588	<0.0627	<b>0.228</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0563	<0.0581	<0.0588	<1.16	<0.0592	<0.0602	<0.0580	<0.0553	<0.0566	<0.0568	<0.0566	<1.21	<0.0579	<0.0575	<0.0588	<0.0627 <0.0675	

Table 2: Composite Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/20/2010 C 7 -3 3	9/21/2010 C 4 -1 0 1	9/21/2010 C 4 -1 0 2	9/21/2010 C 4 -1 0 3	9/22/2010 C 3 2 1	9/22/2010 C 3 2 2	9/22/2010 C 3 2 3	9/22/2010 C -1 -3 1	9/22/2010 C -1 -3 2	9/22/2010 C -1 -3 3	9/24/2010 C -3 -8 1	9/24/2010 C -3 -8 2	9/24/2010 C -3 -8 3	9/23/2010 C -4 -2 1	9/23/2010 C -4 -2 2	9/23/2010 C -4 -2 3	9/29/2010 C -5 1 1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.0607	<b>2.1</b>	<b>0.754</b>	<b>0.529</b>	<b>54.2</b>	<b>9.77</b>	<b>0.243</b>	<b>1.03</b>	<b>0.275</b>	<b>0.468</b>	<b>0.0761</b>	<b>0.0773</b>	<0.0504	<b>0.155</b>	<b>0.192</b>	<0.0561	<b>0.945</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0607	<b>0.313</b>	<b>0.155</b>	<b>0.121</b>	<b>13.4</b>	<b>2.2</b>	<0.0585	<b>0.211</b>	<0.0575	<b>0.0933</b>	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<b>0.208</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0607	<0.0628	<0.0556	<0.0576	<2.81	<0.0614	<0.0585	<0.0570	<0.0575	<0.0577	<0.0520	<0.0578	<0.0504	<0.0570	<0.0604	<0.0561	<0.0589

Table 2: Composite Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/29/2010 C -512	9/29/2010 C -513	9/29/2010 C -571	9/29/2010 C -572	9/29/2010 C -573	9/27/2010 C -271	9/27/2010 C -272	9/27/2010 C -273	9/27/2010 C 171	9/27/2010 C 172	9/27/2010 C 173	9/22/2010 C 5 -3	9/22/2010 C 5 -81	9/22/2010 C 513	9/22/2010 C 5 -21	9/22/2010 C 5 -22	9/22/2010 C 5 -23
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<b>2.19</b>	<0.0535	<b>0.553</b>	<b>0.259</b>	<0.0563	<b>2.57</b>	<0.0573	<b>0.0658</b>	<b>4.06</b>	<0.0538	<0.0572	<0.0646	0.61	<0.0595	<b>12.5</b>	<b>7.23</b>	<0.0641
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<b>0.293</b>	<0.0535	<b>0.476</b>	<b>0.0707</b>	<0.0563	<b>0.381</b>	<0.0573	<0.0581	<b>0.703</b>	<0.0538	<0.0572	<0.0646	0.72	0.32	<b>18.3</b>	<b>10.3</b>	0.329
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	0.0867	<1.18	<0.0595	0.0674
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0560	<0.0535	<0.0601	<0.0607	<0.0563	<0.0633	<0.0573	<0.0581	<0.0595	<0.0538	<0.0572	<0.0646	<0.0592	<0.0595	<1.18	<0.0595	<0.0641

Table 2: Composite Soil Sample PCB Results  
1001 North Montello Street  
Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/22/2010	9/22/2010	9/22/2010	9/22/2010
			C 5 1 1	C 5 1 2	C 5 - 1	C 5 - 2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	0.296	<b>2.42</b>	0.861	0.193
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.43	<b>2.94</b>	0.95	0.306
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0602	<0.0658	<0.0575	<0.0568

Table 3: Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/24/2010	9/24/2010	9/24/2010	9/24/2010	9/24/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	
			1,-5,3	1,-6,3	2,-4,3	2,-5,3	2,-6,3	1,-7,1	2,-7,1	2,-8,1	3,-9,1	1,-9,1	3,-4,3	3,-7,1	5,3,1	5,3,2	3,-8,1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.061	<0.0621	<0.0617	1.62	<0.0644	2.22	0.806	33.3	0.965	0.62	<0.0595	4.49	<0.0575	<0.0725	0.572
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.061	<0.0621	<0.0617	2.47	<0.0644	3.6	1.79	42.4	2.05	0.944	<0.0595	7.47	<0.0575	0.264	0.902
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.061	<0.0621	<0.0617	<0.0562	<0.0644	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0595	<0.0568	<0.0575	<0.0725	<0.0581

Table 3: Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/22/2010 4,2,2	9/22/2010 4,0,2	9/22/2010 4,1,2	9/21/2010 6,-2,3	9/21/2010 6,-1,3	9/21/2010 5,-3,3	9/21/2010 5,-2,3	9/22/2010 5,-1,3	9/22/2010 4,-1,3	9/22/2010 4,-2,3	9/22/2010 4,-3,3	9/23/2010 1,-4,1	9/24/2010 1,-5,1	9/24/2010 1,-6,1	9/24/2010 2,-4,1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	11.1	<0.0604	6.76	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	29.3	1.5	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	18.9	0.7	10.1	<0.0666	<0.061	<0.0595	0.156	<0.0633	41.9	2.54	<0.0604	161	23.9	2.77	9.79
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	4.57	0.509	1.71
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<3.01	<0.0604	<0.0617	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<29.3	<2.86	<0.0562	<1.18

Table 3: Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/24/2010 2,-5,1	9/24/2010 2,-6,1	9/22/2010 3,-4,1	9/22/2010 3,-5,1	9/23/2010 3,-6,1	9/24/2010 1,-4,2	9/24/2010 1,-5,2	9/24/2010 1,-6,2	9/24/2010 2,-4,2	9/24/2010 2,-5,2	9/24/2010 2,-6,2	9/22/2010 3,-4,2	9/22/2010 3,-5,2	9/22/2010 3,-6,2	9/21/2010 6,-1,1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	26.4	9.91	9.71	30	0.201	18.4	0.208	0.434	0.512	7.08	41.5	4.07	11.5	0.158	0.286
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	5.24	2.31	2.19	6.39	<0.0565	<6.04	<0.0562	0.103	0.0987	0.915	6.61	0.729	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<2.93	<1.12	<1.14	<2.88	<0.0565	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<0.0583

Table 6:

Groundwater Analytical Data  
1001 North Montello Street  
Brockton, Massachusetts

		Sample Identification						Risk Assessment Method		
Analytical Parameters		B-101(MW)	B-102(MW)	B-103(MW)	B-104(MW)	B-105(MW)	B-106(MW)	GW-1	GW-2	GW-3
Sample Date	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010			
<b>Polychlorinated Biphenyls (PCBs) ug/L</b>										
Aroclor 1016	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1221	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1232	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1242	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1248	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1254	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1260	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1262	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1268	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total

Table 7:  
 Access Road Test Pit Analytical Data  
 1001 North Montello Street  
 Brockton, MA  
 4-22831

Client Sample Sample Date		Units					
		TP-1 6/17/2011	TP-2 6/17/2011	TP-3 6/17/2011	TP-4 6/17/2011	TP-5 6/17/2011	TP-6 6/17/2011
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.738	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	0.144	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058

Table 7:

Access Road Test Pit Analytical Data  
1001 North Montello Street  
Brockton, MA  
4-22831

#### Limitations on Liability

Electronic Data Deliverables (EDDS) are a convenience we offer to our clients. However, only the original hard copy of the Certificate of Analysis pages can be considered true, valid and legally defensible. The limits provided in the EDD were current as of

#### Highlight Exceedances

**Red** - Result for this analyte exceeds the State limit.

**Blue** - The method requested for this analysis does not meet criteria for all compounds. The compound is undetected, however, the Method Reporting Limit is greater than the State limit.

#### Qualifiers

B = Present in Blank.

D = Sample was diluted in order to obtain a value within the calibration range.

E = Reported above the linear range; Estimated value.

H = Sample hold times were exceeded; Estimated value.

J = Value below the Method reporting Limit; Estimated value.

P = Second column confirmation outside of 40% RPD.

U = Not Detected

V = Quality Control outside of acceptance limits; Estimated value.

Table 8A  
Excavation Area 1

Sample ID	Units	Total PCBs	Depth (Meters)
<b>3,3,2</b>	mg/Kg	<b>122</b>	<b>1.5</b>
2,3,1	mg/Kg	12.29	0
2,4,1	mg/Kg	1.619	0
3,2,1	mg/Kg	35.4	0
3,2,2	mg/Kg	ND	1.5
3,3,1	mg/Kg	2.22	0
3,4,1	Need Verification Sample		0
3,4,2	Need Verification Sample		1.5
3,4,3	Need Verification Sample		3
4,2,2	mg/Kg	30	1.5
4,3,1	mg/Kg	2.187	0
4,3,2	mg/Kg	12.07	1.5
4,4,1	mg/Kg	0.148	0
4,4,2	mg/Kg	0.1977	1.5
C3,2,3	mg/Kg	0.243	3
Wipe Samples on Concrete for Verification			0 & 1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8B  
Excavation Area 2

Sample ID	Units	Total PCBs	Depth (meters)
<b>3 -1 2</b>	mg/Kg	<b>49.9</b>	1.5
<b>4,1,2</b>	mg/Kg	<b>736</b>	1.5
<b>4,-1,3</b>	mg/Kg	<b>71.2</b>	3
3 0 1	mg/Kg	18.6	0
3 0 2	mg/Kg	4.47	1.5
3 1 1	mg/Kg	2.086	0
3 -1 1	mg/Kg	4.3	0
3 1 2	mg/Kg	4.5	1.5
3 -2 1	mg/Kg	12.01	0
3 -2 2	mg/Kg	13.02	1.5
4,0,2	mg/Kg	0.7	1.5
4,-1,1	mg/Kg	6.63	0
4,1,2	mg/Kg	16.86	1.5
4,-2,1	mg/Kg	14.03	0
4,-2,2	mg/Kg	0.147	1.5
4,-2,3	mg/Kg	4.04	3
5,0,2	mg/Kg	ND	1.5
5,-1,1	mg/Kg	1.242	0
5,1,2	mg/Kg	5.38	1.5
5,-1,2	mg/Kg	15.13	1.5
5,-1,3	mg/Kg	ND	3
5,-2,1	mg/Kg	2.216	0
5,-2,2	mg/Kg	0.138	1.5
5,-2,3	mg/Kg	0.156	3
6,0,2	mg/Kg	24.11	1.5
6,-1,1	mg/Kg	0.286	0
6,-1,2	mg/Kg	7.35	1.5
6,-1,3	mg/Kg	ND	3
6,-2,1	mg/Kg	0.333	0
6,-2,2	mg/Kg	11.1	1.5
6,-2,3	mg/Kg	ND	3
C3,2,3	mg/Kg	0.243	3
C5,1,1	mg/Kg	0.726	0
C5,1,3	mg/Kg	0.32	3

**Bold - depicts samples assumed to be 50 mg/Kg or greater**  
Note = Need Verification Sampling at depth > 3 meters

Table 8C  
Excavation Area 3

Sample ID	Units	Total PCBs	Depth (meters)
<b>1,-4,1</b>	<b>mg/Kg</b>	<b>161</b>	<b>0</b>
0,-4,1	mg/Kg	16.9	0
0,-4,2	mg/Kg	Collect Verification Sample	1.5
0,-5,1	mg/Kg	15.27	Depth (Meters)
0,-5,2	mg/Kg	Collect Verification Sample	1.5
1,-4,2	mg/Kg	18.4	1.5
1,-5,1	mg/Kg	28.47	0
1,-5,2	mg/Kg	0.208	1.5
2,-4,1	mg/Kg	11.5	0
2,-4,2	mg/Kg	0.6107	1.5
2,-5,1	mg/Kg	31.64	0
2,-5,2	mg/Kg	7.995	1.5
0,-3,1		Wipe Sample Concrete for PCB	0
0,-3,2		Wipe Sample Concrete for PCB	1.5
1,-3,1		Wipe Sample Concrete for PCB	0
1,-3,2		Wipe Sample Concrete for PCB	1.5
2,-3,1		Wipe Sample Concrete for PCB	0
2,-3,2		Wipe Sample Concrete for PCB	1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8D  
Excavation Area 4

Sample ID	Units	Total PCBs	Depth (meters)
7,-3,2	mg/Kg	211.5	1.5
6,-2,1	mg/Kg	0.333	0
6,-2,2	mg/Kg	11.1	1.5
6,-2,3	mg/Kg	ND	3
6,-3,2	mg/Kg	ND	1.5
7,-2,2	mg/Kg	0.236	1.5
7,-3,3	mg/Kg	ND	3
8,-2,2	mg/Kg	2.372	1.5
8,-2,3	mg/Kg	1.819	3
8,-3,2	mg/Kg	ND	1.5
C5,-5,1	mg/Kg	1.811	0
C5,-5,2	mg/Kg	0.499	1.5
C5,-5,3	mg/Kg	ND	3
C7,-3,1	mg/Kg	0.203	0
C8,-5,1	mg/Kg	0.476	0
C8,-5,2	mg/Kg	0.202	1.5
C8,-5,3	mg/Kg	ND	3

**Bold - depicts samples assumed to be 50 mg/Kg or greater**

Table 8E  
Excavation Area 5

Sample ID	Units	Total PCBs	Depth (meters)
<b>3,-6,3</b>	<b>mg/Kg</b>	<b>81.7</b>	<b>3</b>
2,-5,2	mg/Kg	7.995	1.5
2,-5,3	mg/Kg	4.09	3
2,-6,2	mg/Kg	48.11	1.5
2,-6,3	mg/Kg	ND	3
3,-5,2	mg/Kg	11.5	1.5
3,-5,3	mg/Kg	ND	3
3,-6,2	mg/Kg	0.158	1.5
C2,-8,2	mg/Kg	0.681	1.5
C2,-8,3	mg/Kg	ND	3
C5,-5,2	mg/Kg	0.202	1.5
C5,-5,3	mg/Kg	ND	3
C5,-8,2	mg/Kg	0.4442	1.5
C5,-8,3	mg/Kg	ND	3

Note = Need Verification Sampling at depth > 3 meters

**Bold - depicts samples assumed to be 50 mg/Kg or greater**

Table 8F  
Excavation Area 6

Sample ID	Units	Total PCBs	Depth (meters)
<b>2,-8,1</b>	mg/Kg	<b>75.7</b>	<b>0</b>
1,-7,1	mg/Kg	5.82	0
1,-8,1	mg/Kg	3.352	0
1,-9,1	mg/Kg	1.564	0
2,-7,1	mg/Kg	2.596	0
2,-9,1	mg/Kg	15.91	0
3,-7,1	mg/Kg	11.96	0
3,-8,1	mg/Kg	1.474	0
3,-9,1	mg/Kg	3.015	0
C2,-8,2	mg/Kg	0.681	1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8G  
Excavation Area 7

Sample ID	Units	Total PCBs	Depth (Meters)
<b>7,-8,1</b>	<b>mg/Kg</b>	<b>54.1</b>	<b>0</b>
7,-7,1	mg/Kg	0.823	0
7,-9,1	mg/Kg	0.38	0
8,-7,1	mg/Kg	4.231	0
8,-8,1	mg/Kg	13.95	0
8,-9,1	mg/Kg	3.62	0
C5,-8,1	mg/Kg	1.33	0
C5,-8,2	mg/Kg	0.4442	1.5
C8,-8,2	mg/Kg	0.717	1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

# FIGURES AND PLANS





U.S.G.S. 7.5' X 15' (1987)  
Topographic 1:25,000 Brockton Quadrangle  
ID 42071-A1

Figure 1: Site Locus Map  
1001 North Montello Street  
Brockton, Massachusetts 02301



# MassDEP - Bureau of Waste Site Cleanup

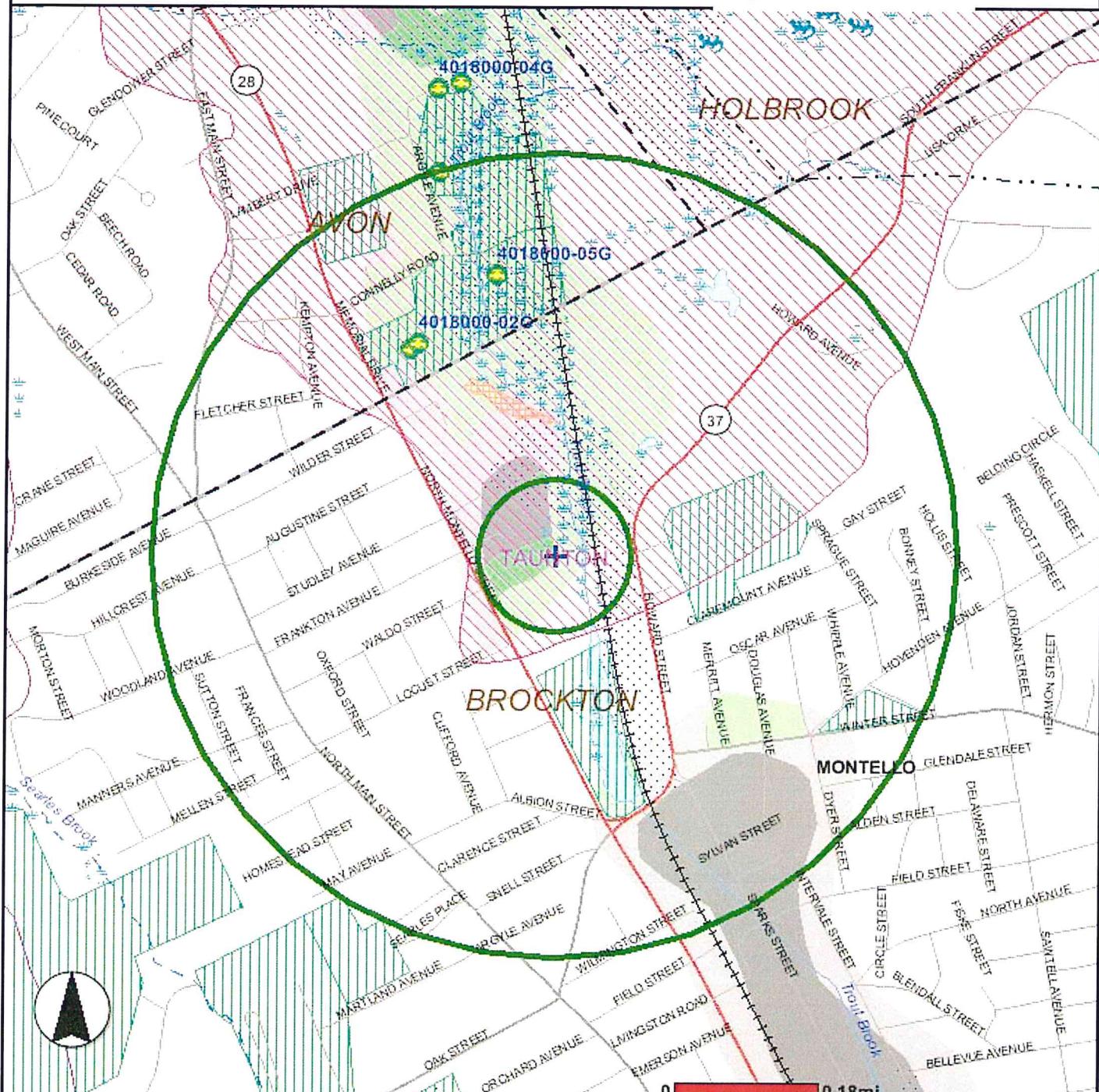
## MCP Numerical Ranking System Map: 500 feet & 0.5 Mile Radii

**Site Name:**  
 Barbour Corp  
 1001 North Montello Street  
 Brockton, MA  
 RTN: 4-000022831  
 NAD83 MA Coordinates:  
 239247mE, 873711mN



The information shown on this map is the best available at the date of printing. For more information please refer to [www.mass.gov/mgis/massgis.htm](http://www.mass.gov/mgis/massgis.htm)

October 29, 2010



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

PWS Protection Areas: Zone II, IWPAs, Zone A .....

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Hydrography: Open Water, PWS Reservoir, Tidal Flat .....

Basins: Major, Sub; Streams: Perennial, Intermittent, Man Made Shore, Dam

Welllands: Freshwater, Saltwater, Cranberry Bog .....

Aquifers: Medium Yield, High Yield, EPA Sole Source.....

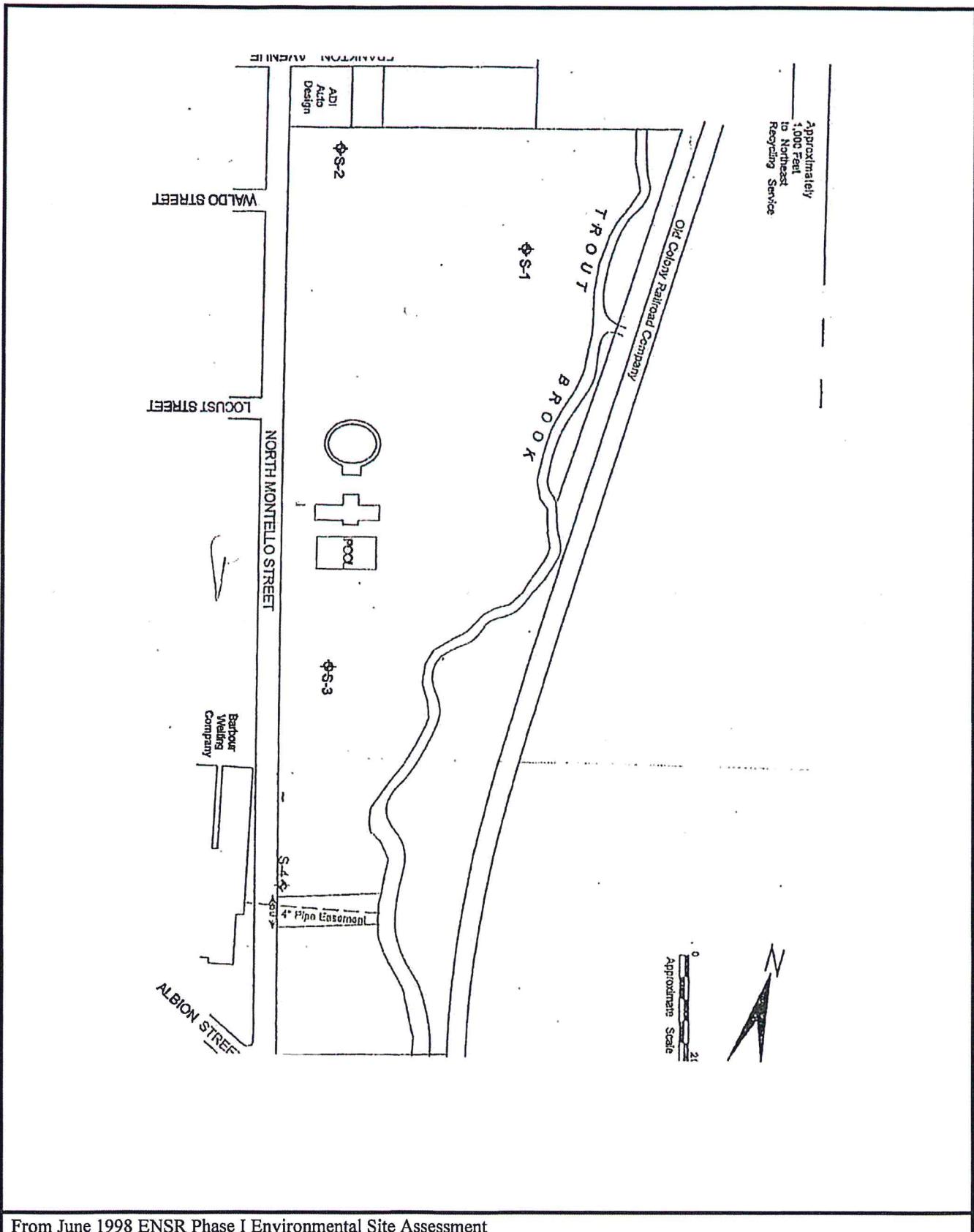
FEMA 100yr Floodplain; Protected Open Space; ACEC .....

Non Potential Drinking Water Source Area: Medium, High (Yield)...

NHESP: Est Rare Wetland Habitat, Certified Vernal Pool .....

DEP Permitted Solid Waste Landfill.....

DEP Permitted Solid Waste Landfill.....



From June 1998 ENSR Phase I Environmental Site Assessment  
For reference only.

**Site Sketch**  
1001 North Montello Street,  
Brockton, Massachusetts

**Figure 3**

Table 3: Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/21/2010 6,-2,1	9/21/2010 6,-3,1	9/21/2010 5,-3,1	9/21/2010 5,-2,1	9/22/2010 5,-1,1	9/22/2010 4,-3,1	9/22/2010 4,-2,1	9/22/2010 4,-1,1	9/21/2010 6,2,2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.333	2	8.26	1.89	1.1	4.71	11.8	5.61	0.413
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0614	0.372	1.63	0.326	0.142	0.843	2.23	1.02	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.077

Table 4: Utility Corridor Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	10/27/2010 C -7 9	10/27/2010 C -5 11	10/27/2010 C -4 11	10/27/2010 C -2 9	10/27/2010 C 2 -12	10/27/2010 C 4 -12	10/27/2010 C 1 -11	10/27/2010 C 4 -11	10/26/2010 C -8 5	10/26/2010 C -7 3	10/26/2010 C -8 8	10/26/2010 C -9 10	10/26/2010 C -9 13
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0638	<0.0581	<0.0592	10	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.184	0.0954	0.0647	20.7	0.167	0.224	0.0642	0.228	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0638	<0.0581	<0.0592	<1.13	<0.0568	<0.0602	<0.0563	<0.0585	<0.0585	<0.0559	<0.061	<0.0575	<0.056

Table 4: Utility Corridor Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	10/26/2010 C -9 16	10/26/2010 C -9 19	10/26/2010 C -11 20	10/26/2010 C -8 5
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0568	<0.0553	<0.0541	<0.0582

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/20/2010	9/24/2010	9/24/2010	9/24/2010	9/24/2010	9/24/2010			
			C 8 -8 1	7 -7 1	7 -8 1	8 -8 1	9 -8 1	8 -7 1	9 -7 1	7 -9 1	8 -9 1	C -2 4 1	-1 4 1	-2 4 1	-3 4 1	-1 3 1	-2 3 1	-3 3 1	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0585	0.313	20.4	0.436	0.331	0.971	<0.0607	<0.0563	1.43	<0.0584	<1.15	3.9	<0.0581	6.63	3.09	3.82	1.02
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	11	0.51	33.7	0.624	0.604	3.26	<0.0607	0.38	2.19	0.165	13.6	7.14	<0.0581	14.3	4.73	7.07	1.94
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	2.95	<0.0575	10	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	3.39	<1.11	<0.0581	<2.87	<0.0599	<0.0579	<0.0579
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	<0.0579
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0585	<0.0575	<2.8	<0.0568	<0.0558	<0.0633	<0.0607	<0.0563	<0.0588	<0.0584	<1.15	<1.11	<0.0581	<2.87	<0.0599	<0.0579	<0.0579

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/24/2010 -1 5 1	9/24/2010 -2 5 1	9/24/2010 -3 5 1	9/29/2010 C 1 4 1	9/27/2010 0 3 1	9/27/2010 1 3 1	9/27/2010 2 3 1	9/27/2010 0 4 1	9/27/2010 1 4 1	9/27/2010 2 4 1	9/27/2010 0 5 1	9/27/2010 1 5 1	9/27/2010 2 5 1	9/29/2010 C -5 4 1	9/29/2010 -4 4 1	9/29/2010 -5 4 1	9/24/2010 -6 4 1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	3.01	0.469	1.79	<0.0622	1.65	0.948	4.63	1.28	<0.0625	0.652	6.98	<0.0588	<0.0585	<0.0588	0.669	2.18	5.15
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	4.83	0.806	3.07	4.11	2.73	1.78	7.66	2.54	<0.0625	0.967	11.9	0.0731	0.081	9.1	1.15	3.25	10.2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0568	<0.0617	<0.0589	0.655	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	2.3	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0568	<0.0617	<0.0589	<0.0622	<0.0556	<0.0576	<0.0624	<0.0685	<0.0625	<0.0658	<1.2	<0.0588	<0.0585	<0.0588	<0.063	<0.0607	<1.11

=Composite

=Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/29/2010	9/29/2010	9/29/2010	9/29/2010	9/29/2010	9/29/2010	9/23/2010	9/23/2010	9/23/2010	9/23/2010	9/24/2010	9/24/2010	9/24/2010	9/24/2010	9/23/2010		
			-4 3 1	-5 3 1	-6 3 1	-4 5 1	-5 5 1	-6 5 1	C -1 -5 1	0 -4 1	-1 -4 1	-2 -4 1	0 -5 1	-1 -5 1	-2 -5 1	0 -6 1	-1 -6 1	-2 -6 1	C -1 -5 3
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<b>2.31</b>	0.387	<0.0543	0.732	0.875	<b>2.2</b>	<1.16	<b>6.7</b>	<b>6.63</b>	<b>2.76</b>	<b>5.81</b>	<b>5.23</b>	0.873	1.3	<b>16.6</b>	<b>3.87</b>	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<b>3.22</b>	0.618	<0.0543	0.987	1.09	<b>4.07</b>	<b>20.5</b>	<b>10.2</b>	<b>14.5</b>	<b>4.24</b>	<b>9.46</b>	<b>7.96</b>	1.74	<b>2.38</b>	<b>29.5</b>	<b>8.44</b>	<b>5.89</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<b>4.87</b>	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<b>0.845</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0614	<0.0622	<0.0543	<0.0602	<0.0607	<0.0579	<1.16	<1.18	<1.16	<0.0579	<1.15	<1.14	<0.0572	<0.0572	<5.85	<1.1	<0.0602

=Composite

=Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/23/2010 0,-4,3	9/23/2010 -1 -4 3	9/23/2010 -2 -4 3	9/24/2010 0 -5 3	9/24/2010 -1 -5 3	9/24/2010 -2 -5 3	9/24/2010 0 -6 3	9/24/2010 -1 -6 3	9/24/2010 -2 -6 3	9/22/2010 C 2 -5 1	9/23/2010 1,-4,1	9/24/2010 1,-5,1	9/24/2010 1,-6,1	9/24/2010 2,-4,1	9/24/2010 2,-5,1	9/24/2010 2,-6,1	9/22/2010 3,-4,1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	31.9	0.37	3.25	<0.0607	<0.0549	1.9	<0.0568	0.553	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	48.5	0.711	5.61	<0.0607	<0.0549	3.76	<0.0568	0.92	<0.0549	3.66	161	23.9	2.77	9.79	26.4	9.91	9.71
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	0.517	<29.3	4.57	0.509	1.71	5.24	2.31	2.19
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<3.26	<0.0595	<0.0586	<0.0607	<0.0549	<0.0535	<0.0568	<0.0573	<0.0549	<0.0568	<29.3	<2.86	<0.0562	<1.18	<2.93	<1.12	<1.14

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/22/2010 3,-5,1	9/22/2010 3,-6,1	9/22/2010 C 2 -5 2	9/23/2010 1,-4,2	9/24/2010 1,-5,2	9/24/2010 1,-6,2	9/24/2010 2,-4,2	9/24/2010 2,-5,2	9/24/2010 2,-6,2	9/22/2010 3,-4,2	9/22/2010 3,-5,2	9/22/2010 3,-6,2	9/22/2010 C 2 -5 3	9/24/2010 1,-5,3	9/24/2010 1,-6,3	9/24/2010 2,-4,3	9/24/2010 2,-5,3
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<b>30</b>	<b>0.201</b>	<b>4.87</b>	<b>18.4</b>	<b>0.208</b>	<b>0.434</b>	<b>0.512</b>	<b>7.08</b>	<b>41.5</b>	<b>4.07</b>	<b>11.5</b>	<b>0.158</b>	<b>15.3</b>	<b>&lt;0.061</b>	<b>&lt;0.0621</b>	<b>&lt;0.0617</b>	<b>2.47</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<b>6.39</b>	<b>&lt;0.0565</b>	<b>0.818</b>	<b>&lt;6.04</b>	<b>&lt;0.0562</b>	<b>0.103</b>	<b>0.0987</b>	<b>0.915</b>	<b>6.61</b>	<b>0.729</b>	<b>&lt;2.83</b>	<b>&lt;0.0549</b>	<b>3.35</b>	<b>&lt;0.061</b>	<b>&lt;0.0621</b>	<b>&lt;0.0617</b>	<b>&lt;0.0562</b>
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<2.88	<0.0565	<0.0566	<6.04	<0.0562	<0.0584	<0.0579	<0.0588	<5.69	<0.0563	<2.83	<0.0549	<1.21	<0.061	<0.0621	<0.0617	<0.0562

=Composite

=Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/24/2010 2,-6,3	9/22/2010 3,-4,3	9/22/2010 3,-5,3	9/22/2010 3,-6,3	9/23/2010 1,-4,3	9/22/2010 C 2 -8 1	9/30/2010 1,-7,1	9/30/2010 2,-7,1	9/30/2010 2,-8,1	9/30/2010 3,-9,1	9/30/2010 1,-9,1	9/22/2010 3,-7,1	9/22/2010 3,-8,1	9/30/2010 1,-8,1	9/20/2010 2 - 9 1	9/20/2010 C 7 -3 2	9/20/2010 7 -3 2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0644	<0.0595	<0.0714	30.1	<0.0617	<0.0579	2.22	0.806	33.3	0.965	0.62	4.49	0.572	0.992	6.03	<0.0675	83.5
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.0644	<0.0595	<0.0714	51.6	<0.0617	5.6	3.6	1.79	42.4	2.05	0.944	7.47	0.902	2.36	9.88	10.3	128
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	1.15	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	0.228	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0644	<0.0595	<0.0714	<2.91	<0.0617	<0.0579	<0.0598	<0.0579	<2.93	<0.0599	<0.0582	<0.0568	<0.0581	<0.0588	<1.18	<0.0675	<6.58

=Composite

=Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/20/2010 8 -3 2	9/20/2010 7 -2 2	9/20/2010 8 -2 2	9/20/2010 7 -1 2	9/20/2010 7 0 2	9/20/2010 8 0 2	9/21/2010 7 1 2	9/22/2010 C 3 2 1	9/22/2010 5,3,1	9/23/2010 3 2 1	9/22/2010 4 3 1	9/23/2010 3 3 1	9/22/2010 4 4 1	9/23/2010 3 1 1	9/23/2010 3 0 1	9/23/2010 3 -1 1	9/23/2010 3 -2 1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	1.87	<0.0667	6.53	<2.81	<0.0575	13.4	0.677	0.81	<0.0572	0.746	7	1.32	4.34
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	<0.0602	0.236	<0.0588	<0.0663	3.06	0.0734	6.75	54.2	<0.0575	22	1.51	1.41	0.148	1.34	11.6	2.98	7.67
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	13.4	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0602	<0.0743	<0.0588	<0.0663	<0.0582	<0.0667	<0.0599	<2.81	<0.0575	<2.82	<0.0595	<0.0566	<0.0572	<0.061	<1.2	<0.0582	<0.0599

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/22/2010	9/22/2010	9/23/2010	9/22/2010	9/23/2010	9/22/2010	9/23/2010	9/23/2010	9/27/2010	9/27/2010	9/27/2010	9/27/2010	9/27/2010	9/27/2010			
			C 3 2 2	5,3,2	3 2 2	4 3 2	3 3 2	4 4 2	3 1 2	3 0 2	3 -1 2	3 -2 2	C 1 7 1	0 6 1	1 6 1	2 6 1	0 7 1	1 7 1	0 8 1
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0614	<0.0725	<0.0538	5.7	<31.5	0.103	1.88	1.63	19.1	4.16	<0.0595	2.86	9.04	0.508	0.761	1.83	0.558
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	9.77	0.264	<0.0538	6.37	122	0.0947	2.62	2.84	30.8	8.86	4.06	4.6	12.4	0.752	1.03	2.76	0.6
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	2.2	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	0.703	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0614	<0.0725	<0.0538	<0.0728	<31.5	<0.053	<0.063	<0.0602	<6.07	<1.2	<0.0595	<0.0599	<0.0633	<0.0638	<0.0638	<0.0602	<0.0628

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/27/2010	9/22/2010	9/21/2010	9/21/2010	9/21/2010	9/21/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010	9/22/2010		
			1 8 1	C 5 -2 1	6,-1,1	6,-2,1	6,-3,1	5,-2,1	5,-1,1	4,-3,1	4,-2,1	4,-1,1	C 5 -2 2	4,-1,2	4,-2,2	4,-3,2	5,-1,2	5,-2,2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	0.383	12.5	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.689	18.3	0.286	0.333	2	8.26	1.89	1.1	4.71	11.8	5.61	10.3	450	0.147	2.75	9.53 0.138
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	0.372	1.63	0.326	0.142	0.843	2.23	1.02	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0601	<1.18	<0.0583	<0.0614	<0.0576	<1.16	<0.058	<0.0586	<0.0586	<1.11	<0.0571	<0.0595	<63	<0.077	<0.0561	<0.0638 <0.0546

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/21/2010 5,-3,2	9/21/2010 6,-1,2	9/21/2010 6,-2,2	9/21/2010 6,-3,2	9/22/2010 C 5 -2 3	9/21/2010 6,-2,3	9/21/2010 6,-1,3	9/21/2010 5,-3,3	9/21/2010 5,-2,3	9/22/2010 5,-1,3	9/22/2010 4,-1,3	9/22/2010 4,-2,3	9/22/2010 4,-3,3	9/22/2010 C 5 1 2	9/21/2010 6,1,2	9/21/2010 6,0,2	9/22/2010 5,1,2
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	4.77	2.87	4.44	0.739	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	29.3	1.5	<0.0604	2.42	<0.0586	8.41	2.36
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	7.7	4.48	6.66	1.08	0.329	<0.0666	<0.061	<0.0595	0.156	<0.0633	41.9	2.54	<0.0604	2.94	0.153	15.7	3.02
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	0.0674	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0629	<0.0675	<0.0689	<0.0579	<0.0641	<0.0666	<0.061	<0.0595	<0.0769	<0.0633	<3.13	<0.0585	<0.0604	<0.0658	<0.0586	<1.32	<0.0735

=Composite  
 =Discrete

Table 5: Composite/Discrete Soil Sample PCB Results  
 1001 North Montello Street  
 Brockton, MA

Method Name	Sample Date: Client Sample: Analyte	Units	9/22/2010 5,2,2	9/22/2010 5,0,2	9/22/2010 4,2,2	9/21/2010 6,2,2	9/22/2010 4,0,2	9/22/2010 4,1,2	10/27/2010 C -2, 9	10/27/2010 -1 10 1	10/27/2010 -1 10 2	10/27/2010 -1 10 3	10/27/2010 -2 9 1	10/27/2010 -2 9 2	10/27/2010 -2 9 3	10/27/2010 -3 10 1	10/27/2010 -3 10 2	10/27/2010 -3 10 3
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	0.996	0.226	<0.0505	1.11	1.11	<0.0503	0.29	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	5.31	<0.0602	11.1	<0.077	<0.0604	6.76	10	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	7.37	<0.0602	18.9	0.413	0.7	10.1	20.7	3.48	0.227	<0.0505	3.3	3.92	<0.0503	1.04	0.0832	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	0.663	<0.570	<0.0505	0.499	0.699	<0.0503	0.23	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0869	<0.0602	<3.01	<0.077	<0.0604	<0.0617	<1.13	<0.108	<0.570	<0.0505	<0.0526	<0.0570	<0.0503	<0.0546	<0.0496	<0.0495

=Composite  
 =Discrete

Table 6:

Groundwater Analytical Data  
1001 North Montello Street  
Brockton, Massachusetts

		Sample Identification						Risk Assessment Method		
Analytical Parameters		B-101(MW)	B-102(MW)	B-103(MW)	B-104(MW)	B-105(MW)	B-106(MW)	GW-1	GW-2	GW-3
Sample Date	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010			
<b>Polychlorinated Biphenyls (PCBs) ug/L</b>										
Aroclor 1016	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1221	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1232	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1242	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1248	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1254	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1260	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1262	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total
Aroclor 1268	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	<u>0.055</u>	0.5 Total	5 Total	10 Total

Table 7:  
 Access Road Test Pit Analytical Data  
 1001 North Montello Street  
 Brockton, MA  
 4-22831

Client Sample Sample Date		Units					
		TP-1 6/17/2011	TP-2 6/17/2011	TP-3 6/17/2011	TP-4 6/17/2011	TP-5 6/17/2011	TP-6 6/17/2011
Method Name							
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1016	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1221	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1232	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1242	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1248	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1254	mg/kg dry	0.738	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1260	mg/kg dry	0.144	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1262	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058
8082A Polychlorinated Biphenyls (PCB)	Aroclor 1268	mg/kg dry	<0.0564	<0.0564	<0.056	<0.0576	<0.058

Table 7:

Access Road Test Pit Analytical Data  
1001 North Montello Street  
Brockton, MA  
4-22831

#### Limitations on Liability

Electronic Data Deliverables (EDDS) are a convenience we offer to our clients. However, only the original hard copy of the Certificate of Analysis pages can be considered true, valid and legally defensible. The limits provided in the EDD were current as of

#### Highlight Exceedances

**Red** - Result for this analyte exceeds the State limit.

**Blue** - The method requested for this analysis does not meet criteria for all compounds. The compound is undetected, however, the Method Reporting Limit is greater than the State limit.

#### Qualifiers

B = Present in Blank.

D = Sample was diluted in order to obtain a value within the calibration range.

E = Reported above the linear range; Estimated value.

H = Sample hold times were exceeded; Estimated value.

J = Value below the Method reporting Limit; Estimated value.

P = Second column confirmation outside of 40% RPD.

U = Not Detected

V = Quality Control outside of acceptance limits; Estimated value.

Table 8A  
Excavation Area 1

Sample ID	Units	Total PCBs	Depth (Meters)
<b>3,3,2</b>	mg/Kg	<b>122</b>	<b>1.5</b>
2,3,1	mg/Kg	12.29	0
2,4,1	mg/Kg	1.619	0
3,2,1	mg/Kg	35.4	0
3,2,2	mg/Kg	ND	1.5
3,3,1	mg/Kg	2.22	0
3,4,1	Need Verification Sample		0
3,4,2	Need Verification Sample		1.5
3,4,3	Need Verification Sample		3
4,2,2	mg/Kg	30	1.5
4,3,1	mg/Kg	2.187	0
4,3,2	mg/Kg	12.07	1.5
4,4,1	mg/Kg	0.148	0
4,4,2	mg/Kg	0.1977	1.5
C3,2,3	mg/Kg	0.243	3
Wipe Samples on Concrete for Verification			0 & 1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8B  
Excavation Area 2

Sample ID	Units	Total PCBs	Depth (meters)
<b>3 -1 2</b>	mg/Kg	<b>49.9</b>	1.5
<b>4,1,2</b>	mg/Kg	<b>736</b>	1.5
<b>4,-1,3</b>	mg/Kg	<b>71.2</b>	3
3 0 1	mg/Kg	18.6	0
3 0 2	mg/Kg	4.47	1.5
3 1 1	mg/Kg	2.086	0
3 -1 1	mg/Kg	4.3	0
3 1 2	mg/Kg	4.5	1.5
3 -2 1	mg/Kg	12.01	0
3 -2 2	mg/Kg	13.02	1.5
4,0,2	mg/Kg	0.7	1.5
4,-1,1	mg/Kg	6.63	0
4,1,2	mg/Kg	16.86	1.5
4,-2,1	mg/Kg	14.03	0
4,-2,2	mg/Kg	0.147	1.5
4,-2,3	mg/Kg	4.04	3
5,0,2	mg/Kg	ND	1.5
5,-1,1	mg/Kg	1.242	0
5,1,2	mg/Kg	5.38	1.5
5,-1,2	mg/Kg	15.13	1.5
5,-1,3	mg/Kg	ND	3
5,-2,1	mg/Kg	2.216	0
5,-2,2	mg/Kg	0.138	1.5
5,-2,3	mg/Kg	0.156	3
6,0,2	mg/Kg	24.11	1.5
6,-1,1	mg/Kg	0.286	0
6,-1,2	mg/Kg	7.35	1.5
6,-1,3	mg/Kg	ND	3
6,-2,1	mg/Kg	0.333	0
6,-2,2	mg/Kg	11.1	1.5
6,-2,3	mg/Kg	ND	3
C3,2,3	mg/Kg	0.243	3
C5,1,1	mg/Kg	0.726	0
C5,1,3	mg/Kg	0.32	3

**Bold - depicts samples assumed to be 50 mg/Kg or greater**  
Note = Need Verification Sampling at depth > 3 meters

Table 8C  
Excavation Area 3

Sample ID	Units	Total PCBs	Depth (meters)
<b>1,-4,1</b>	<b>mg/Kg</b>	<b>161</b>	<b>0</b>
0,-4,1	mg/Kg	16.9	0
0,-4,2	mg/Kg	Collect Verification Sample	1.5
0,-5,1	mg/Kg	15.27	Depth (Meters)
0,-5,2	mg/Kg	Collect Verification Sample	1.5
1,-4,2	mg/Kg	18.4	1.5
1,-5,1	mg/Kg	28.47	0
1,-5,2	mg/Kg	0.208	1.5
2,-4,1	mg/Kg	11.5	0
2,-4,2	mg/Kg	0.6107	1.5
2,-5,1	mg/Kg	31.64	0
2,-5,2	mg/Kg	7.995	1.5
0,-3,1	Wipe Sample Concrete for PCB		0
0,-3,2	Wipe Sample Concrete for PCB		1.5
1,-3,1	Wipe Sample Concrete for PCB		0
1,-3,2	Wipe Sample Concrete for PCB		1.5
2,-3,1	Wipe Sample Concrete for PCB		0
2,-3,2	Wipe Sample Concrete for PCB		1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8D  
Excavation Area 4

Sample ID	Units	Total PCBs	Depth (meters)
7,-3,2	mg/Kg	211.5	1.5
6,-2,1	mg/Kg	0.333	0
6,-2,2	mg/Kg	11.1	1.5
6,-2,3	mg/Kg	ND	3
6,-3,2	mg/Kg	ND	1.5
7,-2,2	mg/Kg	0.236	1.5
7,-3,3	mg/Kg	ND	3
8,-2,2	mg/Kg	2.372	1.5
8,-2,3	mg/Kg	1.819	3
8,-3,2	mg/Kg	ND	1.5
C5,-5,1	mg/Kg	1.811	0
C5,-5,2	mg/Kg	0.499	1.5
C5,-5,3	mg/Kg	ND	3
C7,-3,1	mg/Kg	0.203	0
C8,-5,1	mg/Kg	0.476	0
C8,-5,2	mg/Kg	0.202	1.5
C8,-5,3	mg/Kg	ND	3

**Bold - depicts samples assumed to be 50 mg/Kg or greater**

Table 8E  
Excavation Area 5

Sample ID	Units	Total PCBs	Depth (meters)
<b>3,-6,3</b>	<b>mg/Kg</b>	<b>81.7</b>	<b>3</b>
2,-5,2	mg/Kg	7.995	1.5
2,-5,3	mg/Kg	4.09	3
2,-6,2	mg/Kg	48.11	1.5
2,-6,3	mg/Kg	ND	3
3,-5,2	mg/Kg	11.5	1.5
3,-5,3	mg/Kg	ND	3
3,-6,2	mg/Kg	0.158	1.5
C2,-8,2	mg/Kg	0.681	1.5
C2,-8,3	mg/Kg	ND	3
C5,-5,2	mg/Kg	0.202	1.5
C5,-5,3	mg/Kg	ND	3
C5,-8,2	mg/Kg	0.4442	1.5
C5,-8,3	mg/Kg	ND	3

Note = Need Verification Sampling at depth > 3 meters

**Bold - depicts samples assumed to be 50 mg/Kg or greater**

Table 8F  
Excavation Area 6

Sample ID	Units	Total PCBs	Depth (meters)
<b>2,-8,1</b>	mg/Kg	<b>75.7</b>	<b>0</b>
1,-7,1	mg/Kg	5.82	0
1,-8,1	mg/Kg	3.352	0
1,-9,1	mg/Kg	1.564	0
2,-7,1	mg/Kg	2.596	0
2,-9,1	mg/Kg	15.91	0
3,-7,1	mg/Kg	11.96	0
3,-8,1	mg/Kg	1.474	0
3,-9,1	mg/Kg	3.015	0
C2,-8,2	mg/Kg	0.681	1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

Table 8G  
Excavation Area 7

Sample ID	Units	Total PCBs	Depth (Meters)
<b>7,-8,1</b>	<b>mg/Kg</b>	<b>54.1</b>	<b>0</b>
7,-7,1	mg/Kg	0.823	0
7,-9,1	mg/Kg	0.38	0
8,-7,1	mg/Kg	4.231	0
8,-8,1	mg/Kg	13.95	0
8,-9,1	mg/Kg	3.62	0
C5,-8,1	mg/Kg	1.33	0
C5,-8,2	mg/Kg	0.4442	1.5
C8,-8,2	mg/Kg	0.717	1.5

**Bold** - depicts samples assumed to be 50 mg/Kg or greater

# FIGURES AND PLANS





U.S.G.S. 7.5' X 15' (1987)  
Topographic 1:25,000 Brockton Quadrangle  
ID 42071-A1

Figure 1: Site Locus Map  
1001 North Montello Street  
Brockton, Massachusetts 02301



# MassDEP - Bureau of Waste Site Cleanup

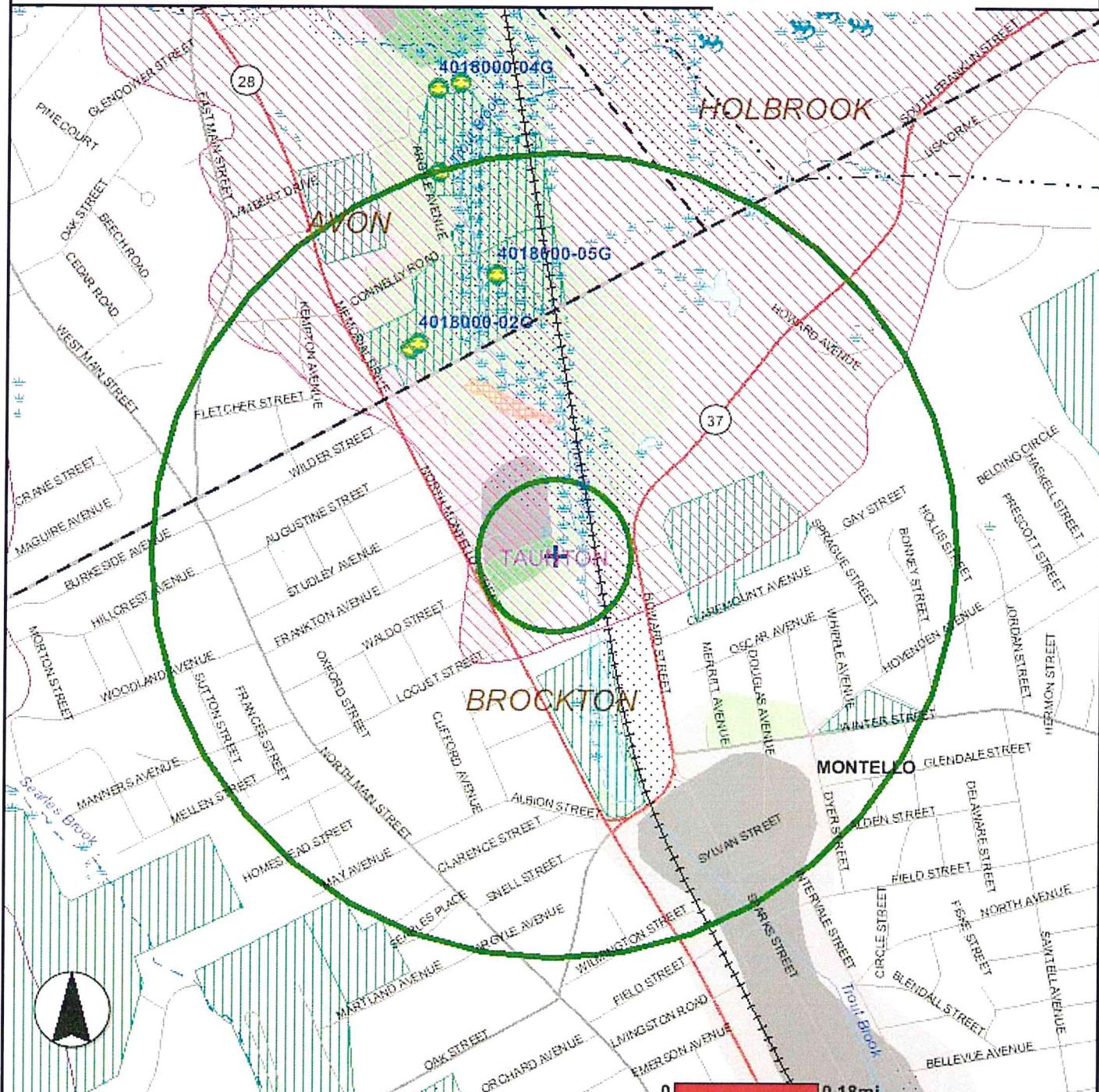
## MCP Numerical Ranking System Map: 500 feet & 0.5 Mile Radii

**Site Name:**  
 Barbour Corp  
 1001 North Montello Street  
 Brockton, MA  
 RTN: 4-000022831  
 NAD83 MA Coordinates:  
 239247mE, 873711mN



The information shown on this map is the best available at the date of printing. For more information please refer to [www.mass.gov/mgis/massgis.htm](http://www.mass.gov/mgis/massgis.htm)

October 29, 2010



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

PWS Protection Areas: Zone II, IWPAs, Zone A .....

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Hydrography: Open Water, PWS Reservoir, Tidal Flat .....

Basins: Major, Sub; Streams: Perennial, Intermittent, Man Made Shore, Dam

Welllands: Freshwater, Saltwater, Cranberry Bog .....

Aquifers: Medium Yield, High Yield, EPA Sole Source.....

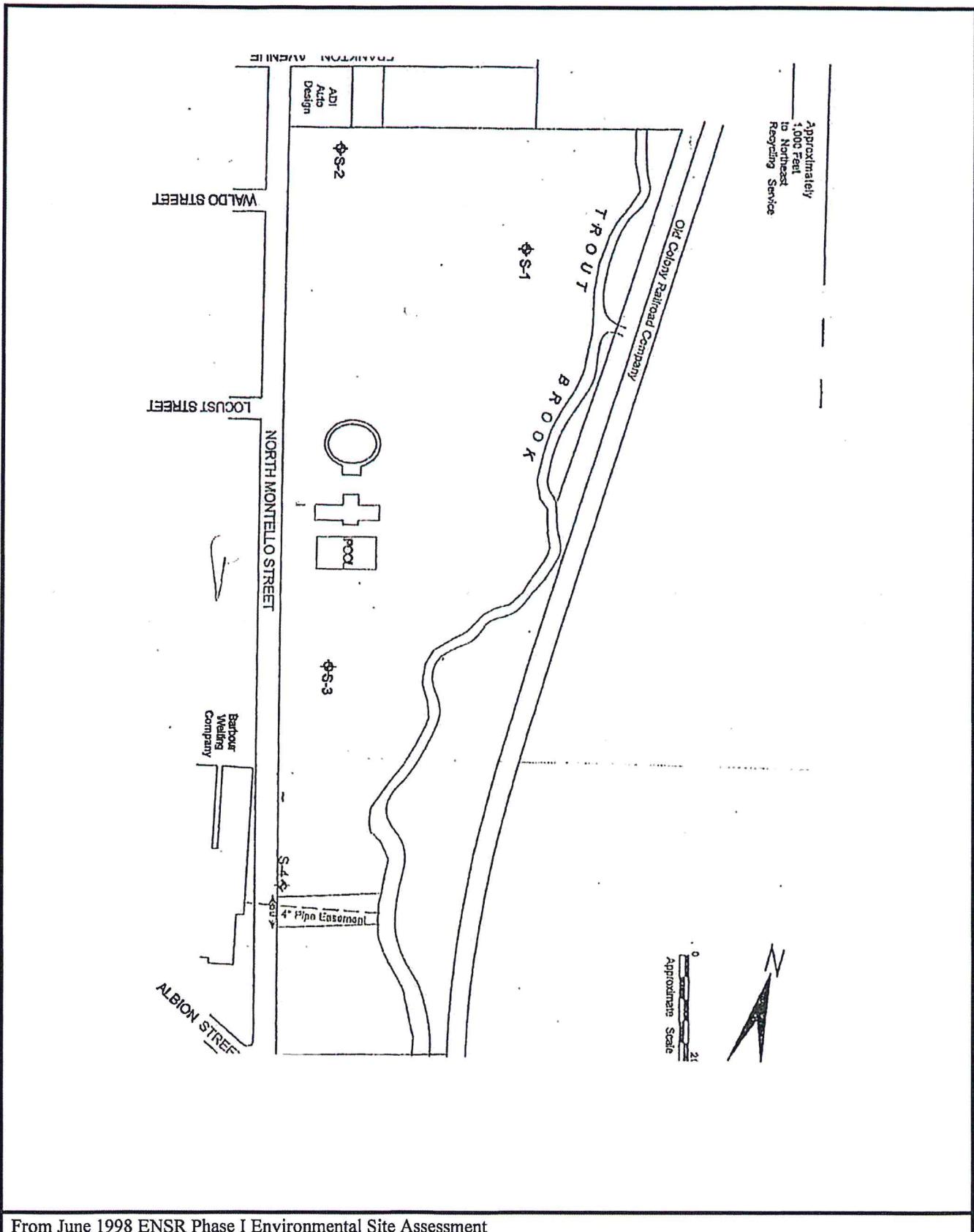
FEMA 100yr Floodplain; Protected Open Space; ACEC .....

Non Potential Drinking Water Source Area: Medium, High (Yield)...

NHESP: Est Rare Wetland Habitat, Certified Vernal Pool .....

DEP Permitted Solid Waste Landfill.....

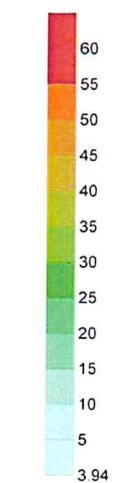
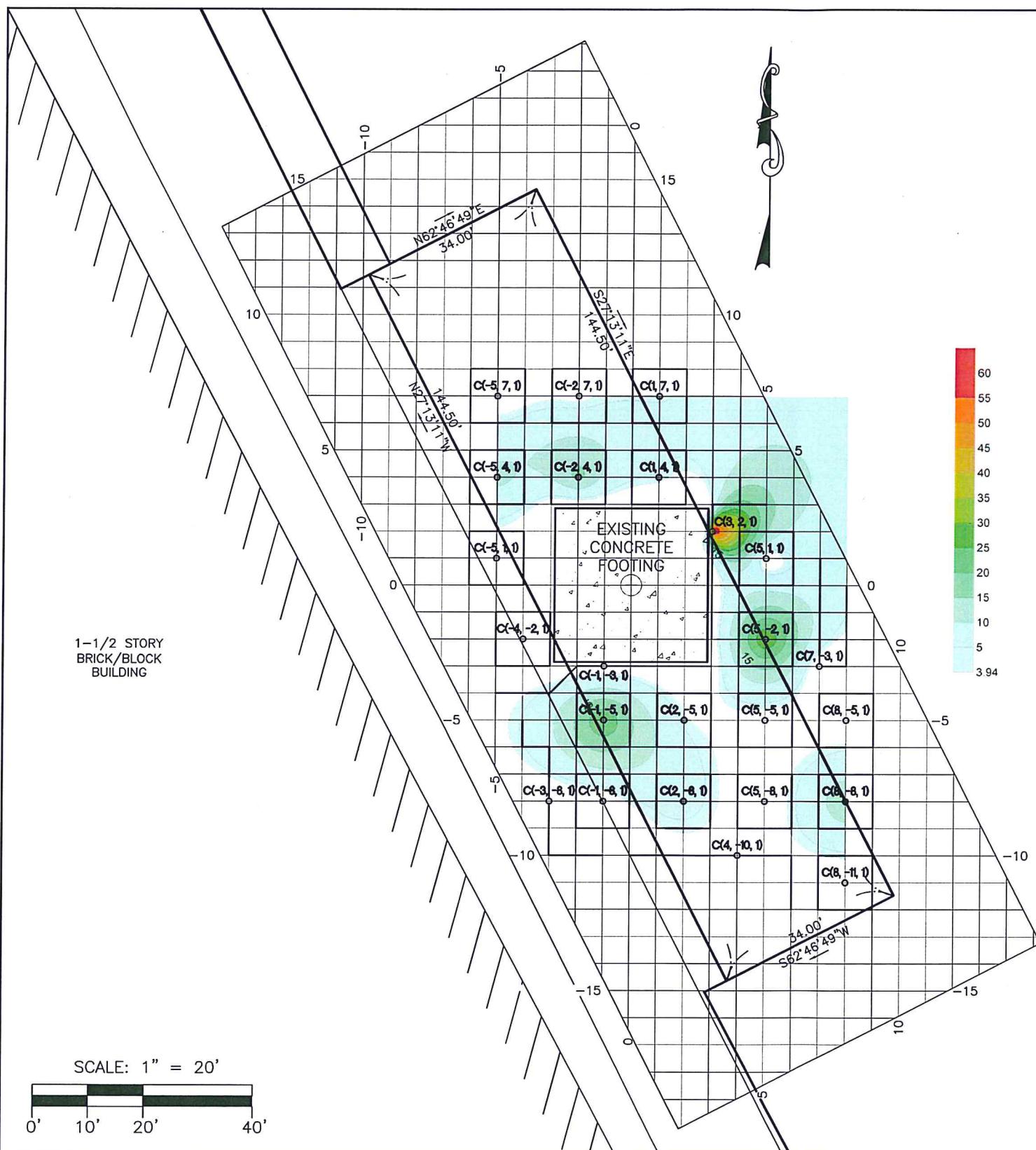
DEP Permitted Solid Waste Landfill.....



From June 1998 ENSR Phase I Environmental Site Assessment  
For reference only.

**Site Sketch**  
1001 North Montello Street,  
Brockton, Massachusetts

**Figure 3**



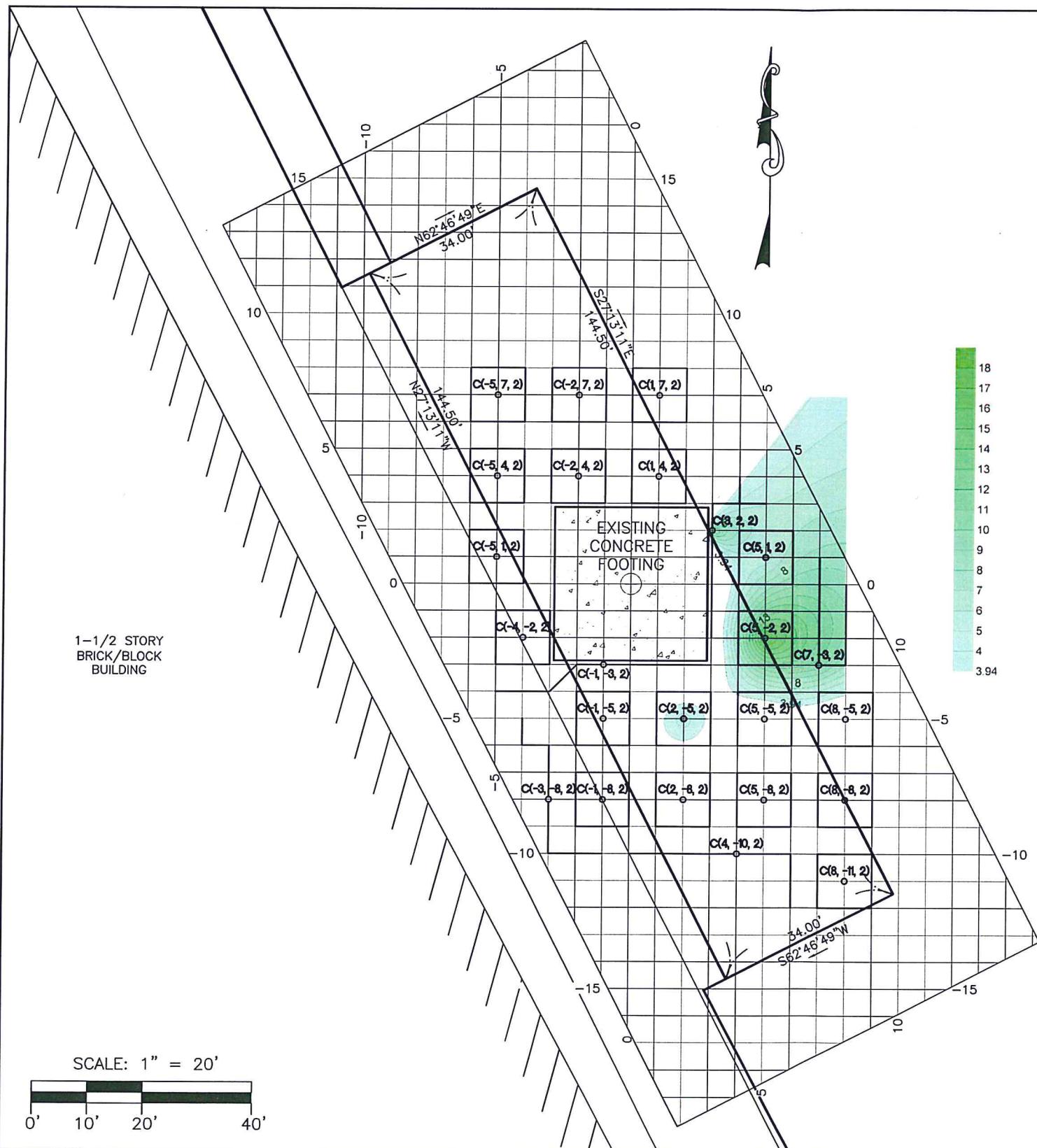
COMPOSITE SAMPLE ID	CONCENTRATION (mg/kg)
C(1,4,1)	4.765
C(1,7,1)	4.763
C(3,2,1)	67.6
C(5,1,1)	0.726
C(2,-5,1)	4.177
C(2,-8,1)	6.75
C(4,-10,1)	2.413
C(5,-2,1)	30.8
C(5,-5,1)	1.811
C(5,-8,1)	1.33
C(7,-3,1)	0.203
C(8,-5,1)	0.4760
C(8,-8,1)	13.95
C(8,-11,1)	0.256
C(-2,4,1)	16.99
C(-2,7,1)	2.951
C(-5,1,1)	1.153
C(-5,4,1)	11.40
C(-5,7,1)	1.029
C(-1,-3,1)	1.241
C(-1,-5,1)	25.37
C(-1,-8,1)	1.095
C(-3,-8,1)	0.0761
C(-4,-2,1)	0.155

### LEGEND:

C(X,Y,Z) COMPOSITE SAMPLE  
 X EASTING  
 Y NORTHING  
 Z DEPTH RANGE  
 Z=1 0-6"  
 Z=2 4.5-5'  
 Z=3 9.5-10'

FILE PATH & NAME: 7061\Sampling Location Plan	BARBOUR REALTY, LLC	1001 NORTH MONTELLO STREET	1001 NORTH MONTELLO STREET	DATE: OCTOBER 18, 2010
PROJECT NO. 7061	1001 NORTH MONTELLO STREET	BROCKTON, MA 02301	BROCKTON, MA 02301	REVISIONS BY
SHET 1 OF 3				BY
				DESIGNED BY: APH DRAWN BY: APH CHECKED BY: RNL APPROVED BY: RNL

Figure 4a: Mapped Pb Concentration Isopleths  
Ground Surface Layer



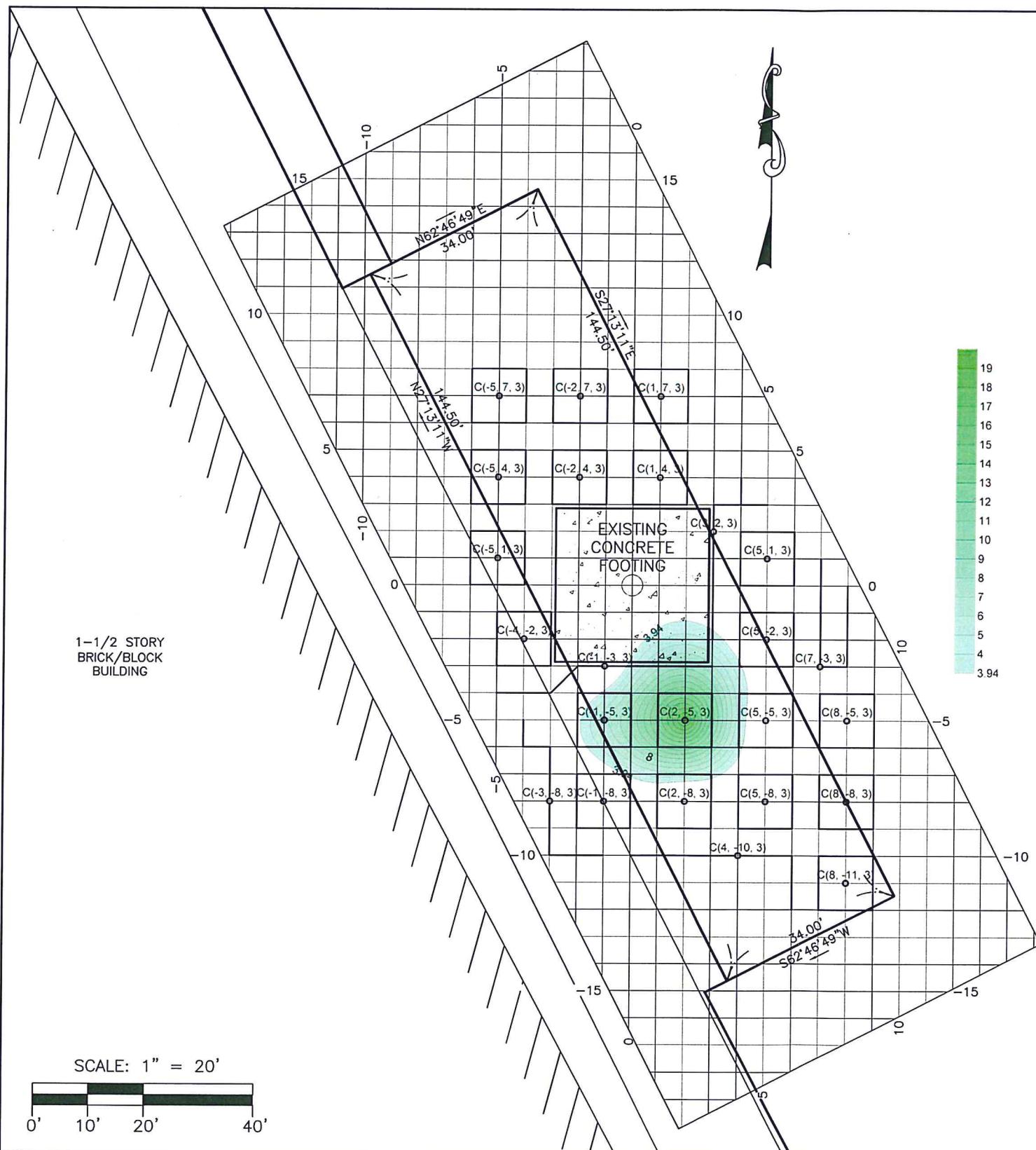
COMPOSITE SAMPLE ID	CONCENTRATION (mg/kg)
C(1,4,2)	0.3388
C(1,7,2)	ND
C(3,2,2)	11.97
C(5,1,2)	5.36
C(2,-5,2)	5.688
C(2,-8,2)	0.681
C(4,-10,2)	0.909
C(5,-2,2)	17.53
C(5,-5,2)	0.499
C(5,-8,2)	0.4442
C(7,-3,2)	10.528
C(8,-5,2)	0.202
C(8,-8,2)	0.717
C(8,-11,2)	1.492
C(-2,4,2)	ND
C(-2,7,2)	ND
C(-5,1,2)	2.483
C(-5,4,2)	ND
C(-5,7,2)	0.3297
C(-1,-3,2)	0.275
C(-1,-5,2)	0.6376
C(-1,-8,2)	0.0918
C(-3,-8,2)	0.0773
C(-4,-2,2)	0.192

### LEGEND:

C(X,Y,Z) COMPOSITE SAMPLE  
 X EASTING  
 Y NORTHING  
 Z DEPTH RANGE  
 Z=1 0-6"  
 Z=2 4.5-5'  
 Z=3 9.5-10'

SCALE: 1"=20'		DATE: OCTOBER 16, 2010	
DATE	NO.	REVISIONS	BY
PROJECT NO. 7081			
FILE PATH & NAME: 7081-SAMPLING LOCATION PLAN			
1001 NORTH MONTELLO STREET BROCKTON, MA 02301			
GREEN ENVIRONMENTAL			
Barbour Realty, LLC			
1001 NORTH MONTELLO STREET BROCKTON, MA 02301			
Green Environmental Inc., 120 Longwater Drive, Norwell, MA 02061 Telephone (617) 479-0550 Fax (617) 479-5150 www.GreenEnvironmental.com Engineering and Environmental Services			
DESIGNED BY: DRAWN BY: APH CHECKED BY: RIL APPROVED BY: RIL			

Figure 4b: Mapped PCB Concentration Isopleths  
1.5 Meters Below Grade

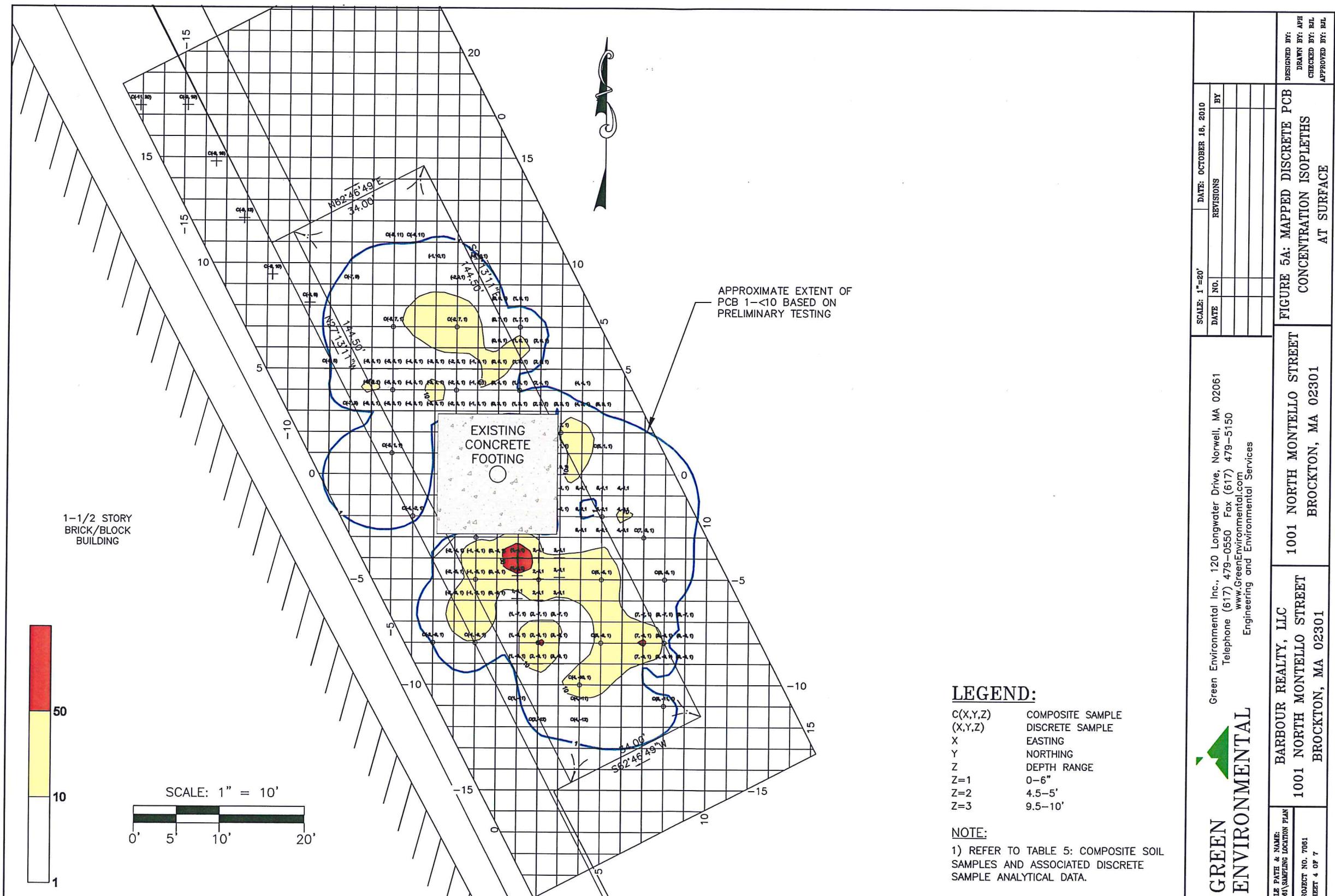


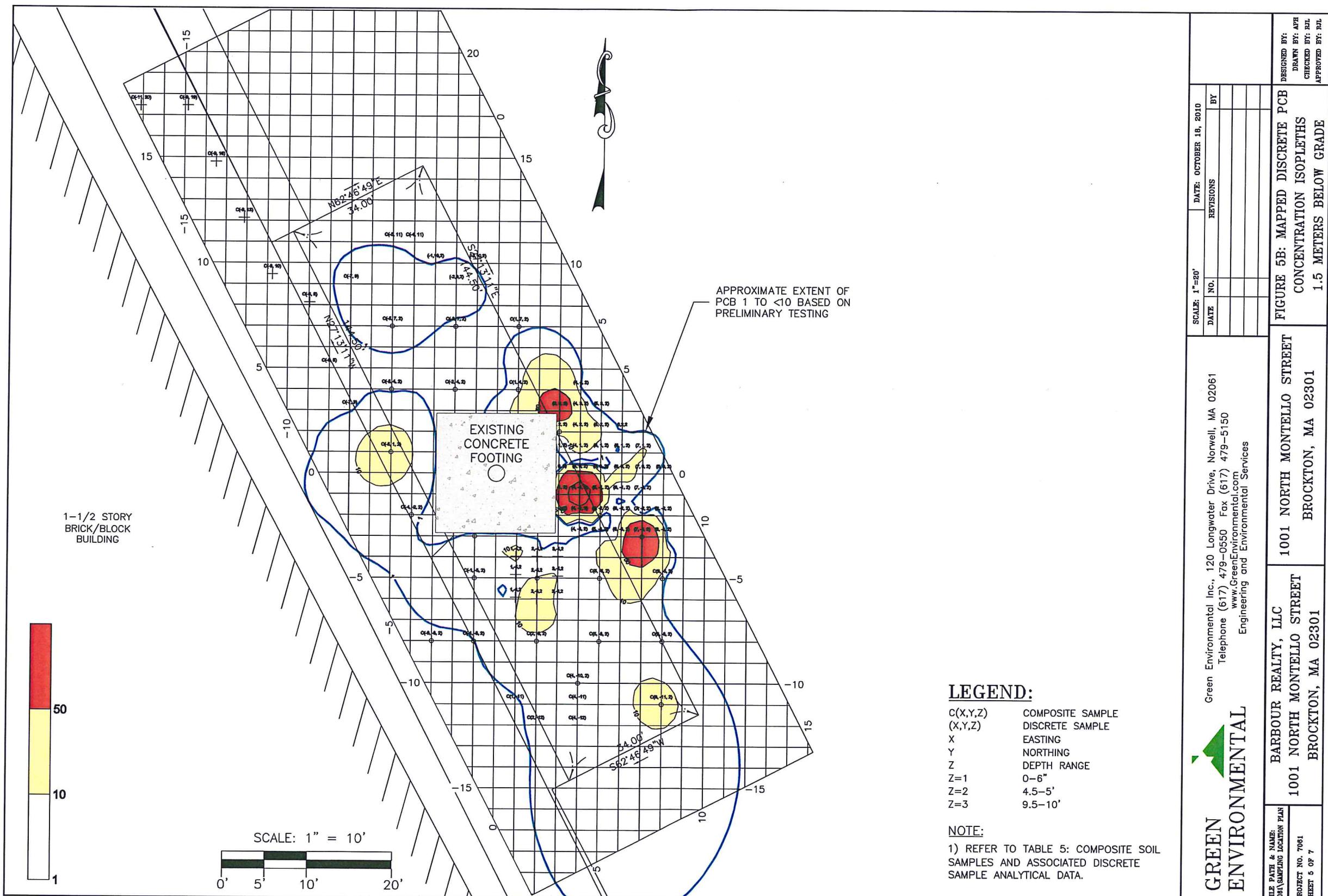
COMPOSITE SAMPLE ID	CONCENTRATION (mg/kg)
C(1,4,3)	ND
C(1,7,3)	ND
C(3,2,3)	0.243
C(5,1,3)	0.4067
C(2,-5,3)	18.65
C(2,-8,3)	ND
C(4,-10,3)	0.650
C(5,-2,3)	0.3964
C(5,-5,3)	ND
C(5,-8,3)	ND
C(7,-3,3)	ND
C(8,-5,3)	ND
C(8,-8,3)	ND
C(8,-11,3)	0.114
C(-2,4,3)	0.3828
C(-2,7,3)	0.0658
C(-5,1,3)	ND
C(-5,4,3)	ND
C(-5,7,3)	ND
C(-1,-3,3)	0.5613
C(-1,-5,3)	6.735
C(-1,-8,3)	ND
C(-3,-8,3)	ND
C(-4,-2,3)	ND

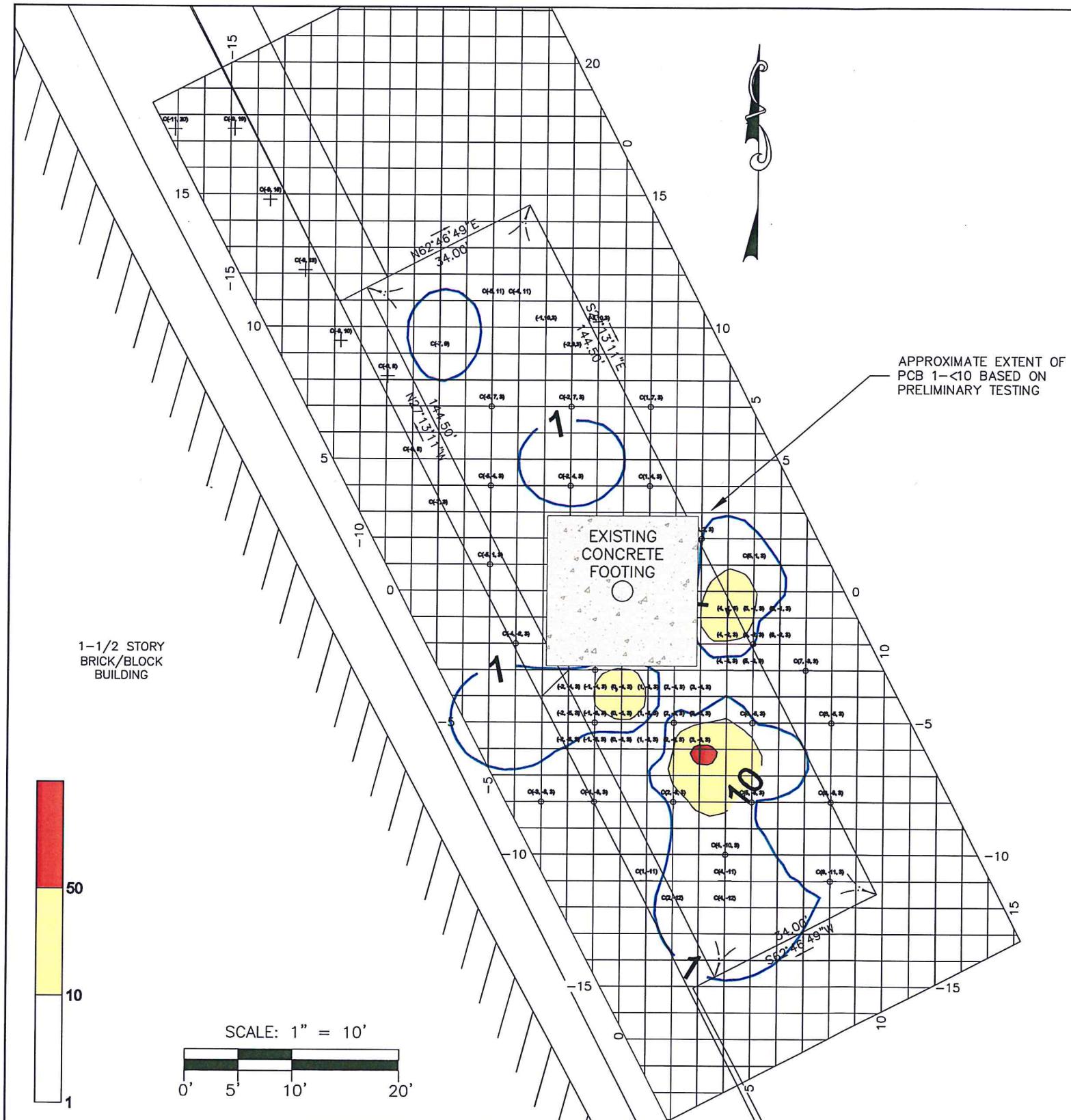
### LEGEND:

C(X,Y,Z) COMPOSITE SAMPLE  
 X EASTING  
 Y NORTHING  
 Z DEPTH RANGE  
 Z=1 0-6"  
 Z=2 4.5-5'  
 Z=3 9.5-10'

FILE PATH & NAME: 7061\Sampling Location Plan	DATE: OCTOBER 18, 2010
PROJECT NO. 7061	REVISIONS BY
SHEET 3 OF 3	
DESIGNED BY: APJ DRAWN BY: APJ CHECKED BY: RD APPROVED BY: RD	
Figure 4c: Mapped PCB Concentration Isopleths 3 Meters Below Grade	
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BARBOUR REALTY, LLC	1001 NORTH MONTELLO STREET
1001 NORTH MONTELLO STREET	BROCKTON, MA 02301
Green Environmental Inc., 120 Longwater Drive, Norwell, MA 02061	
Telephone (617) 479-0550 Fax (617) 479-5150	
www.GreenEnvironmental.com	
Engineering and Environmental Services	







LEGEND:

C(X,Y,Z)	COMPOSITE SAMPLE
(X,Y,Z)	DISCRETE SAMPLE
X	EASTING
Y	NORTHING
Z	DEPTH RANGE
Z=1	0–6"
Z=2	4.5–5'
Z=3	9.5–10'

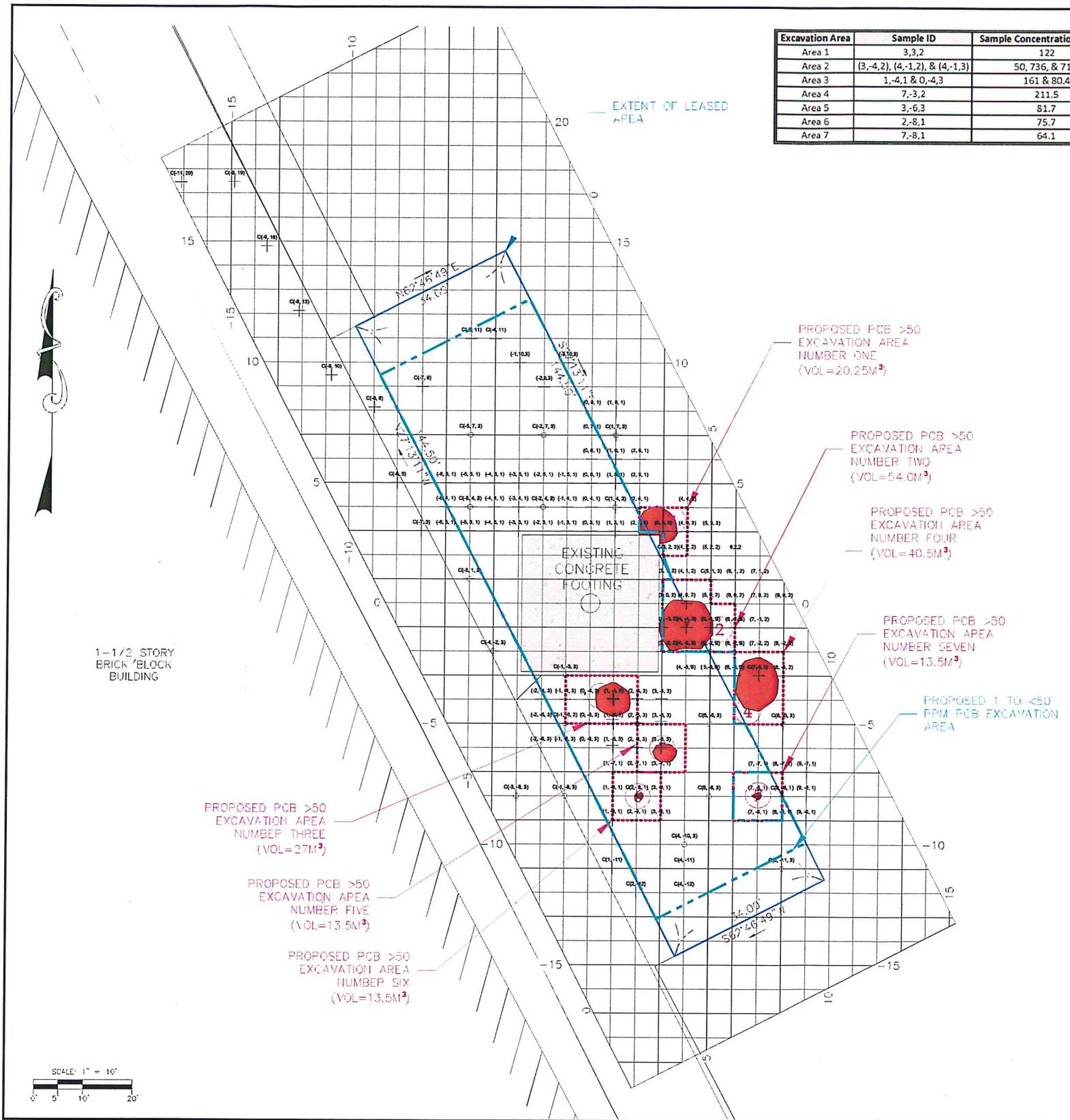
**NOTE:**

- 1) REFER TO TABLE 5: COMPOSITE SOIL SAMPLES AND ASSOCIATED DISCRETE SAMPLE ANALYTICAL DATA.

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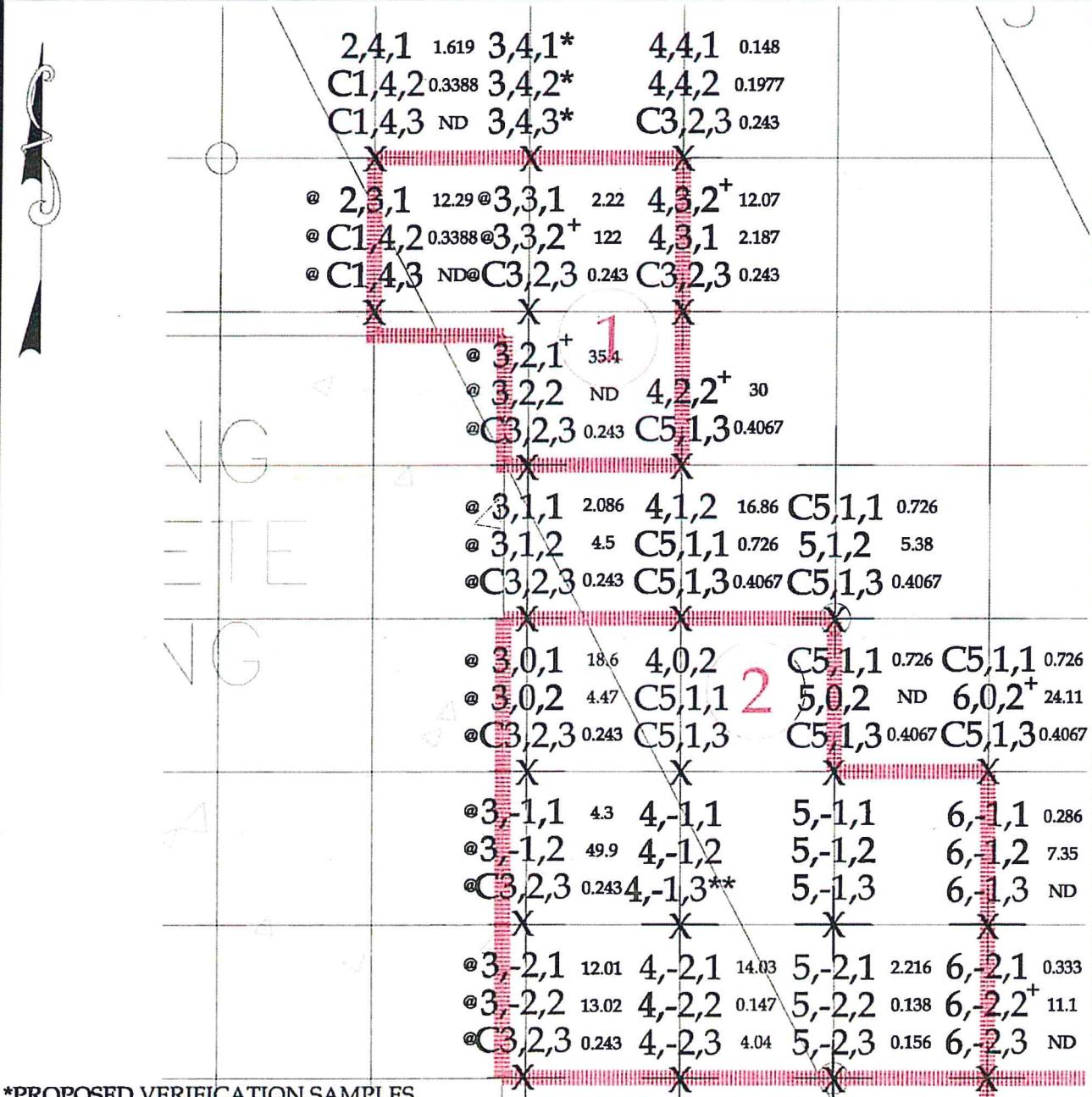
Green Environmental Inc., 120 Longwater Drive, Norwell, MA 02061  
Telephone (617) 479-0550 Fax (617) 479-5150  
[www.GreenEnvironmental.com](http://www.GreenEnvironmental.com)  
Engineering and Environmental Services

GREEN ENVIRONMENTAL		Green Environmental Inc., 120 Longwater Drive, Norwell, MA 02061 Telephone (617) 479-0550 Fax (617) 479-5150 www.GreenEnvironmental.com Engineering and Environmental Services		SCALE: 1"=50' DATE: OCTOBER 18, 2010	REVISIONS NO.	BY	DESIGNED BY: DRAWN BY: APH CHECKED BY: RL APPROVED BY: RD
FILE PATH & NAME: 7061\SAFETY LOCATOR PLAN	BARBOUR REALTY, LLC	1001 NORTH MONTELLO STREET	1001 NORTH MONTELLO STREET	1001 NORTH MONTELLO STREET	1001 NORTH MONTELLO STREET	1001 NORTH MONTELLO STREET	FIGURE 5C: MAPPED DISCRETE PCB CONCENTRATION ISOPLETHS 3 METERS BELOW GRADE
PROJECT NO. 7061	1001 NORTH MONTELLO STREET	BROCKTON, MA 02301	BROCKTON, MA 02301	BROCKTON, MA 02301	BROCKTON, MA 02301	BROCKTON, MA 02301	
SHEET 6 OF 7							



Excavation Area	Sample ID	Sample Concentration (mg/Kg)	Excavation Depth (meters)	Soil Volume (Meters)	Soil Volume (Cubic Yards)
Area 1	3,3,2	122	3	20.25	27
Area 2	(3,-4,2), (4,-1,2), & (4,-1,3)	50, 736, & 71.2	3	54	71
Area 3	1,-4,1 & 0,-4,3	161 & 80.4	3	27	35
Area 4	7,-3,2	211.5	3	40.5	53
Area 5	3,-6,3	81.7	3	27	35
Area 6	2,-8,1	75.7	1.5	13.5	18
Area 7	7,-8,1	64.1	1.5	13.5	18

FILE PATH & NAME: 7061 SAMPLING LOCATION PLAN	DATE: OCTOBER 10, 2010 NO. REVISIONS
PROJECT NO. 7061	BY
SHEET 6 OF 7	
DESIGNED BY: DRAWN BY: APH CHECKED BY: RAL APPROVED BY: RAL	
<b>FIGURE 6: EXCAVATION PLAN / PCB CONCENTRATION &gt;= 50 MG / KG</b>	
<b>GREEN ENVIRONMENTAL</b>	
BARBOUR REALTY, LLC	1001 NORTH MONTELLO STREET BROCKTON, MA 02301



\*PROPOSED VERIFICATION SAMPLES

@NEED VERIFICATION WIPE SAMPLE

\*\* NEED VERIFICATION SAMPLE BELOW DEPTH OF 3M

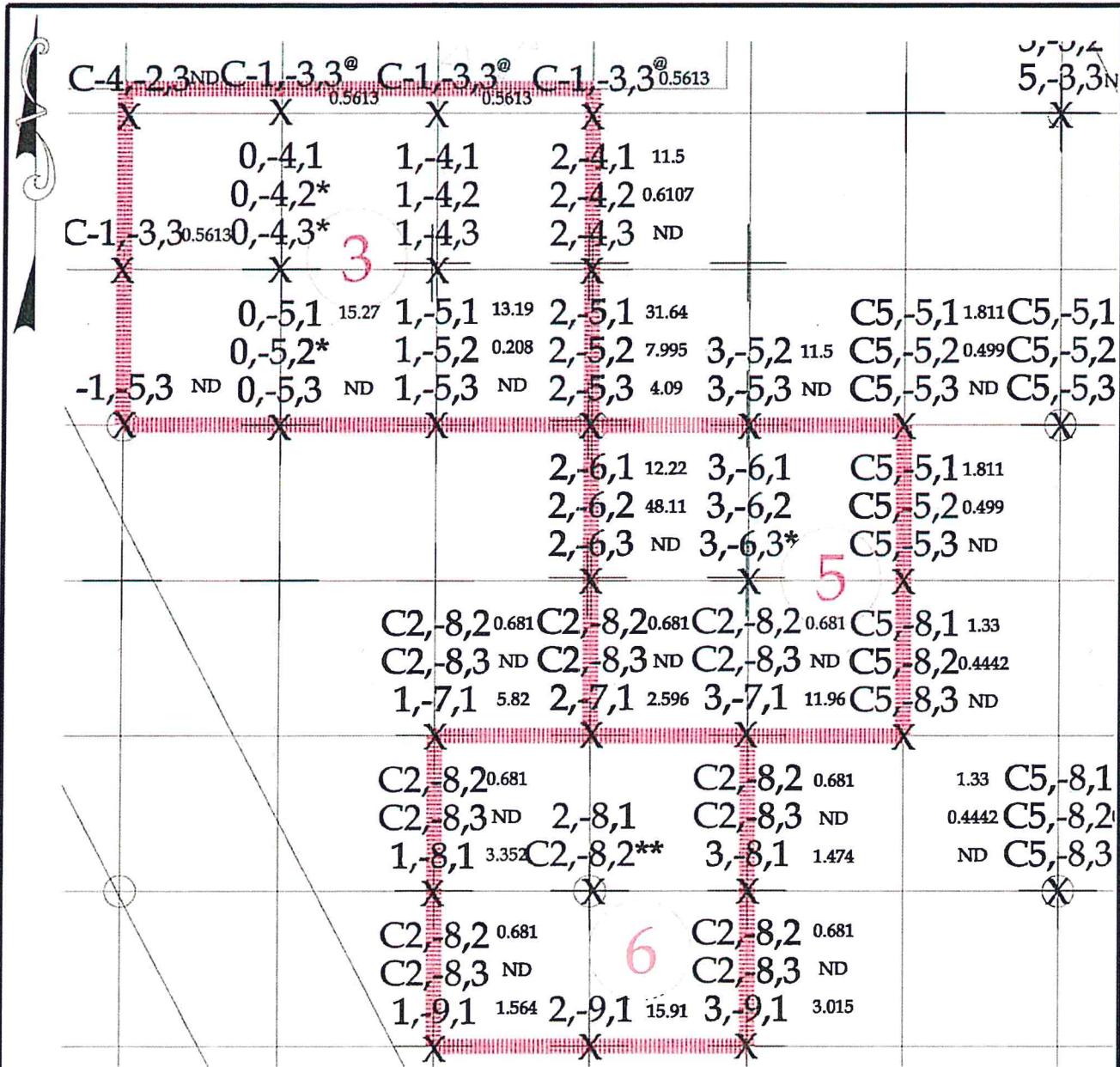
+NEED SIDEWALL VERIFICATION SAMPLE AT DEPTH

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EXCAV. AREA 1&2 SAMPLES  
 BARBOUR CORP  
 1001 N. MONTELLO STREET  
 BROCKTON, MA

FIGURE 6A  
 SCALE: 1"=5'  
 PROJECT NO.: 7061  
 APPROVED BY:  
 CHECKED BY: WB  
 DRAWN BY: MGJ



@NEED VERIFICATION WIPE SAMPLE

+NEED SIDEWALL VERIFICATION SAMPLE AT DEPTH

\*PROPOSED VERIFICATION SAMPLES - GREATER THAN 3M AT 0,-4.3 AND 3,-6.3

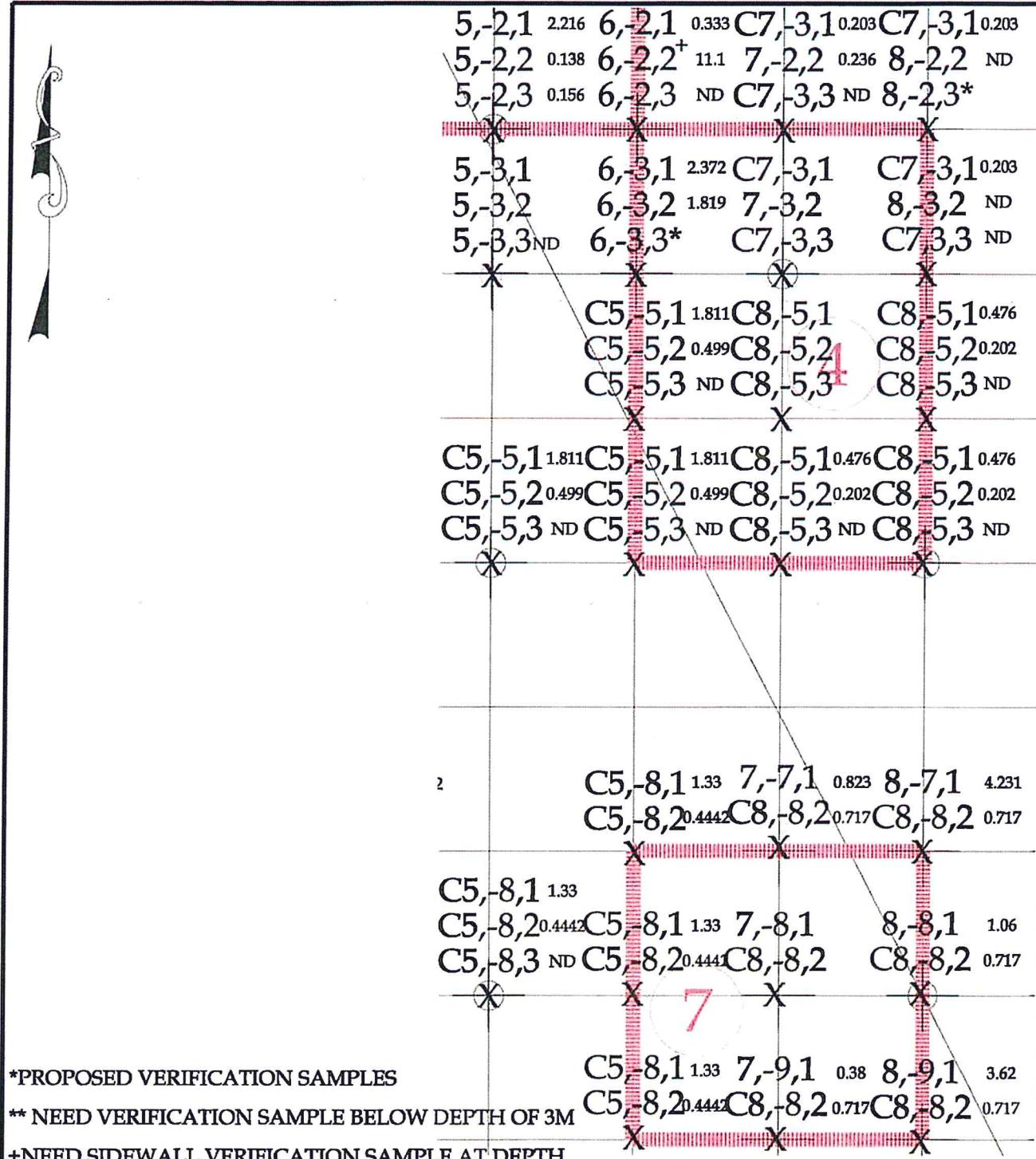
\*\*C2,-8.2 REPRESENTS VERTICAL VERIFICATION SAMPLE FOR AREA 6

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EXCAV. AREA 3,5&6 SAMPLES  
 BARBOUR CORP  
 1001 N. MONTELLO STREET  
 BROCKTON, MA

FIGURE 6B  
 SCALE: 1'=5'  
 PROJECT NO.: 7061  
 APPROVED BY:  
 CHECKED BY: WB  
 DRAWN BY: MGJ

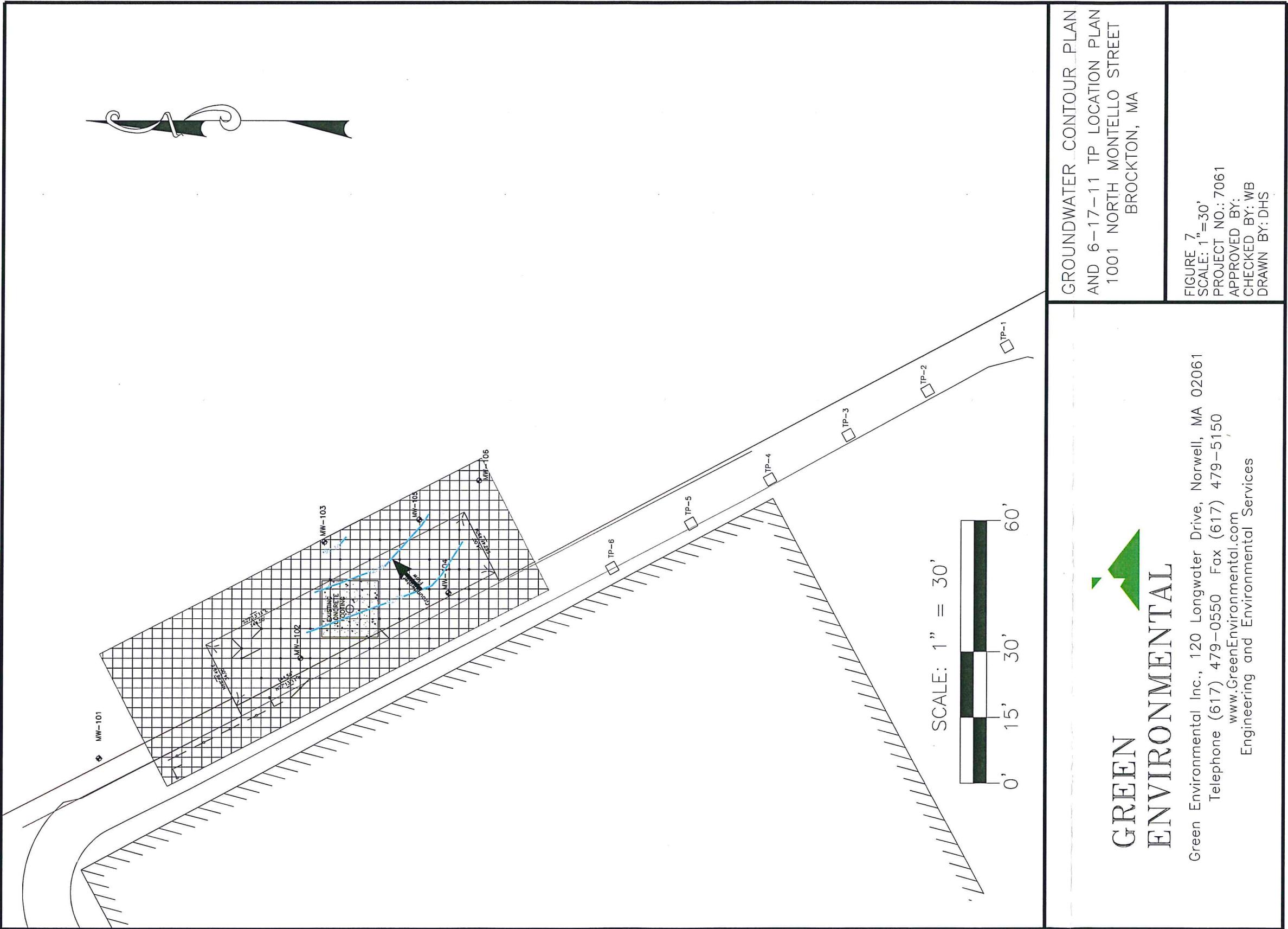


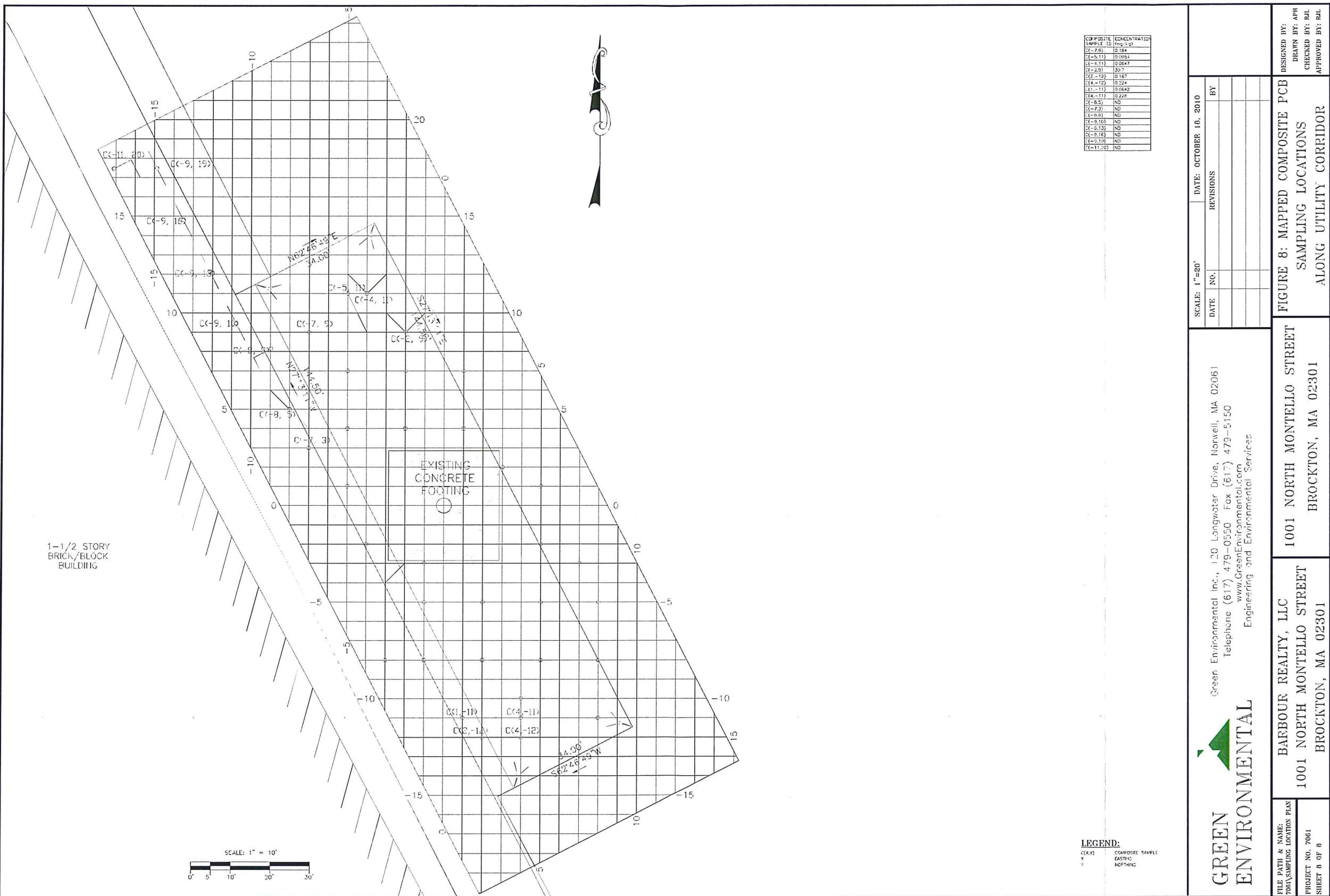
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Engineering and Environmental Services

EXCAV. AREA 4&7 SAMPLES  
BARBOUR CORP  
1001 N. MONTELLO STREET  
BROCKTON, MA

FIGURE 6C  
SCALE: 1"=5'  
PROJECT NO.: 7061  
APPROVED BY:  
CHECKED BY: WB  
DRAWN BY: MGJ





# APPENDICES



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**PREVIOUSLY SUBMITTED TO EPA**